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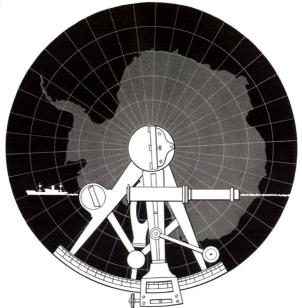
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Eldorado in deep freeze

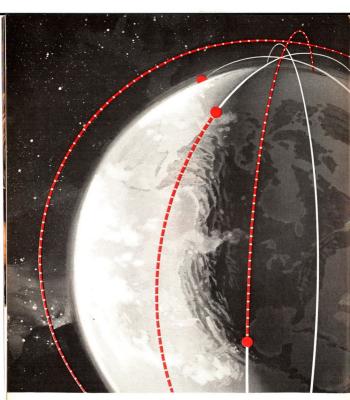
Probably the most forbidding and certainly the least known of the world's land masses is the Antarctic. This dark, strange continent, raked by endless storms, hides its secrets under an icy covering often thousands of feet deep.

Some scientists believe a wealth of natural resources lies under Antarctica's frozen mantle. To discover and investigate these resources, teams of hardy explorers from many countries are now operating out of bases established for scientific use in the International Geophysical Year,

These explorations hold more than ordinary interest for Rand McNally. They may help us considerably by providing upto-date information for certain of the many maps we make. They may bring to light new facts that will aid us in keeping current and timely many of our textbooks, reference books, and books of science, travel, and adventure.



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LETTERS

The Plight of Pilot Powers

Sir: I have no objection to a short prayer for Francis Powers, as some have suggested, but doesn't it seem more important for us to pray for a clearer national direction and a more genuine educational system, so that technicians like Powers might learn more than simply which buttons to push? All the tears, family sentimentality and public sympathy can't wash away the "damned spot" of Powers' only apparent motive and interest: that \$30,000.

The U-2 flight was no crime, but the education, mind and values of its pilot were revealed to be very shallow indeed. If Powers is an accurate representation of the 1960 American, isn't it our country itself that needs praying for?

CHARLES CULOTTA

Los Angeles

Francis Powers appears to have altered Nathan Hale's famous quotation, "I regret that I have but one life to give for my country.

Powers' version seems to be: "I regret I have but one country to give for my life." THOMAS F. MCNICHOL Upper Darby, Pa.

Re the nameless U.S. official's reference to Francis Powers as "no Nathan Hale," it is time we remembered that Mr. Hale's in-spiring words were uttered on the gallows, not in the prisoner's dock. Heroic last words should not be compared with a defense ac-tion in a trial at law, albeit a "rigged" trial. D. MICHAEL HARVEY

Falls Church, Va.

Put Powers on double his former salary until he is able to resume his former life and freedom.

IANET RENGER Palos Verdes Estates, Calif.

The Good B & the Non-B

Re your article on non-books, we propose similar designations in other categories: non motion pictures (a big slice of Hollywood, all skiing, certainly Cinerama); non-newspapers (everything but the news); noneducation (the list is too long to begin here). Oh, the possibilities are limitless! Thanks be unto Time for a very useful new label (and for a consistently interesting magazine)

Princeton, N.J.

Praises "B" for your article, "The Era of Non-B"! How could you omit the terrible traffic of textbooks in the field of education, needs, experiences, objectives), padded with graphs, charts, tables and diagrams that imply the reader may not comprehend the value of the paragraph, and therefore might catch it in a box?

IEAN BRIGHAM Cohasset, Mass.

Your Aug. 22 article, "The Era of Non-B." was a courageous and much needed editorial. Your reviews—indeed the whole "back of the book" in TIME—are generally forthright, even if occasionally playful. (And that's another story.) I did want you to know that a book critic and book writer appreciated what you said. HERBERT MITGANG®

Great Neck, N.Y.

The Bible is the perfect non-book, an anthology of self-help and inspirational works, entirely ghostwritten HUGH H. HIGGINS

Manchester, Mich.

The bookseller's back is not a new figure in literature, as I am sure you are aware. And many notable men have played the role. Oliver Goldsmith wrote a book about birds, full of astounding nonsense, for a London bookseller, and Charles Dickens produced a lamentable Child's History of England, Both works were undertaken for the same reason -the gentlemen needed money, a chronic need among 90% of authors, then and now.

LEONARD WIBBERLEY Hermosa Beach, Calif.

Time attempted to make a clear distinction between books and non-books. I wish it had also attempted to distinguish as clearly between truth and non-truth in its references to Hawthorn Books, Inc.

and to me. The Hawthorn title mentioned as "recent" in the listing of "non-books," 1000 Inspirational Things, was published in 1948 by the Spencer Press of Chicago, as casual inspection of the volume itself can demonstrate. It is distributed by Hawthorn.

K. S. GINIGER Vice President and General Manager

Hawthorn Books, Inc. New York City

TIME fell victim to Hawthorn's recent inspirational repromotion.-ED.

Whatever you wish to say about the merits of my current novel. The Chapman Report. is your privilege. However, this novel was a total personal creative effort, seriously approached. Your statement that the book was hatched by Victor Weybright of Signet is an absolute lie. The book was partially written when Weybright offered to buy future reprint rights, in advance, sight unseen. Neither he nor anyone else had anything to do with the book or saw a word of it until it was completed.

¶ TIME respects its sources—who were watching the incubator.-Ep.

IRVING WALLACE

Music To Be President By

We were delighted to see the column on favorite music of the candidates but dis pointed that no credit was given to WGMS. the Washington radio station that first an nounced the choices.

WGMS actually serenaded the President long before Paul Hume began serenading President Eisenhower was recovering from his 1955 heart attack, WGMS piped back-

DE Editor & narrator of the book Lincoln As They Sate Him, and an editor of the Sunday New York Times. ground music to the President's Walter Reed

Musically, Ike is non-partisan. Like Jack Kennedy he enjoys Berlioz (his choice is the Symphonie Fantastique) and Moussorgsky's Boris Godunov. And he agrees with President Nixon on his choice of music from Oklahoma!

SOI HURWITZ WCMS

Truman & Dewey

The Republicans are definitely responsible for the alltime low prestige of the U.S. in the international sphere. What you really need is a Truman, but since you cannot get him, Kennedy is the only hope. KULDIP SINGH

Rangoon, Burma

I haven't heard much comment on Thomas E. Dewey's masterful speech at the Republican National Convention. In spite of the fact that he says he has retired from politics, I wish we could hear

more from him during the campaign. We need him. CHARLOTTE H. CURTIS Burbank, Calif.

Science & Theology

Lois Hook asks: "Whatever will the churches say when the biochemists successfully synthesize protoplasm?" Answer: simply that God has at last let them in on one of

(THE REV.) F. C. LIGHTBOURN Literary Editor

The Living Church Milwaukee, Wis.

As a teacher of philosophy in a Catholic seminary for the training of students for the priesthood. I have been teaching for years the possibility of synthetic biogenesis. only thing that amazes us in this matter is that it is taking the scientists so long to accomplish it. As a reality, it will fit in perfectly with Thomistic philosophy and theology. This, I think, should take us off the hook we were never really on and leave

(THE REV.) W. J. RING

St. Peter's Seminary London, Ont.

It's Pop That Pays

r: Our soft drink industry feels justly proud of our new \$30 million West Virginia Medi-cal school. However, attention should be called to the fact that during its erection the number of bottling firms in this state has We are convinced that if such a tax is proper and fair in principle it is equally fair for all products sold, including magazines, food,

MAHLON G. GUTHRIE

Seven-Up Bottling Co., Inc. Charleston, W. Va.

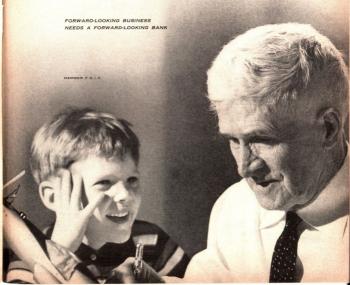
I am a brand-new subscriber and I must say I am impressed! I did not expect you to I refer to the Aug. 22 article on the new sedical center at West Virginia University.

While I am personally thrilled at this prog-

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ress in "my old home town," I feel a touch of sorrow, too, for it would be of far greater significance to some of my ancestors. Many years ago my great-grandfather, who was one of Morgantown's early settlers, played a large part in the founding of West Virginia University. It was on some of his land that the university was first established. You give the credit for this new medical center to pop, but I shall always give at least part of the credit to Grandpop! GAY WILSON

Libertyville, Ill.

Livina Latin

"Io, Io, omnes adsunt," indeed! We who the cause if we channeled pupil interest toward the task of learning Latin rather than into such academic (sic) shenanigans as chariot racing | an event at the Albuquerque convention of Latin students |. The intelligent 20th century teen-ager will work hard at Latin when he is shown some of the many genuine values in such study We need not always entertain him with

> FRED MOORE Language Department

Riverside High School Painesville, Ohio

Having been forced to Latin-tutor my own high school boy these past years in a typically language-dead high school of South Dakota, my heart leapt to read this sentence in your "Roman Holiday" recently: "In Charleston, S. Dak. Latin was so unpopular six years ago that it was almost dropped; now one school has 88 Latin students." But alas, though I would like to lock arms with these classical philologists, I just cannot find

(THE REV.) T. R. BAUDLER Zion American Lutheran Church

TIME erravit viā. It's Charleston, S.C.-ED.

Mud in Their Eyes

Thank you for calling attention to the stupidity shown by the California State Department of Social Welfare in closing Melody Workshop, the nursery school in which Lila Joralemon actually taught children (at the risk of wounding their psyches) and where they apparently enjoyed being taught. Progressivism in education has suc cessfully extended from nursery school through graduate school. In real education, according to the ruling progressivists, we take a serious chance of impairing our mental health. Let us bravely take this wild chance once more-if we can somehow get the entrenched life-adjustment people to take the mud pies elsewhere

SAMUEL WITHERS Associate Director Council for Basic Education Washington, D.C.

Well, I will be blagstaggered, I am 24 and have only recently recovered from a rather caused by my unscientific, thoughtless old grandmother who taught me to read when I was only three, it was aggravated by my college education. I shall not let my eightof his teens. He will then have such a clear aplexion and sunny personality that

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HERITAGE

fare will love him. He will also be so ignorant that he will be able to work only as a welfare department mud-pie inspector.
WILLIAM W. PORTERFIELD

Chapel Hill, N.C.

20.000 W.P.M.

Your Aug. 22 article "Read Faster and Better" was out of this world—suspended in an optimistic orbit all its own.

Having devoted 25 years to research in reading and taken over 10,000 readers' eyemovement photographs-the only objective test of speed reading-I have encountered only one person who could read at 2,000 and five who could read at 1.000 W.D.m. A study of college professors and graduate

students at the University of Michigan unearthed one person who could read at 596 and five who could exceed soo w.p.m. All this tends to make me believe that the teacher who claims to have taught people to read at 6,000 to 14,000 w.p.m. has missed her

true vocation-writing science fiction. EARL A. TAYLOR

Reading and Study Skills Center, Inc.

Many of your readers may be skeptical of the Wilmington librarian's ability to read and the Wilmington librarian's ability to read and comprehend 2,000 w pm., but her speed is comprehend 2,000 w pm., but her speed is Miss Wood's course, I have trained myself to read and comprehend 4,24,50 w pm. Last night before retiring, I effortlessly read the collected sermon of John Tillotson (ten Clegdish translation), volumes 7;-7; of Trans, Summa Theologica (in Latin), the Bible (RSA), and Wedensdey's cellino of the Southeast Missourian. I have improved Miss Wood's "whirlaway motion"; I use a "spin-drive cum corkscrew motion," which may account in part for my extra speed. LELAND D. PETERSON

Assistant Professor Southeast Missouri State College Cape Girardeau, Mo.

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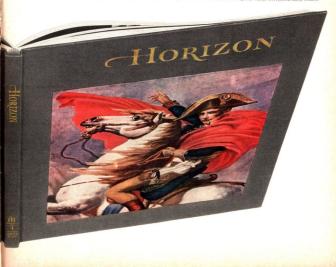
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"Some highlights of the September Honizon (pictured below): Ingran Bergman on Why I Make Novier; John Kenneth Galbraith on the arts in an affuent society; The Lourer, a history, with a portfolio of master works; The Coming of the White May as portrayed by other cultures; articles by Russell Lynes, Jean Stafford, Gilbert Highet, Walter Terry, and many others.







BUSINESS END OF AN ICBM. Atop this Air Force intercontinental ballistic missile is a compact but tremendously complex re-entry vehicle called a nose cone. With its payload, it will hurtle thousands of miles to a pin-point target in a matter of minutes. It's the end product of one of the most important production lines in America. It is designed and built by Avco for the Atlas, Titan and Minuteman.

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A letter from the PUBLISHER

Benday M. Quer

N their restrained splendor, ancient Persian miniatures still suggest an ingredient of present-day Iran, a harsh and occasionally beautiful land where each oasis, even a blade of grass, can seem a small miracle, and where the ish. With economy of line and careful balance of color, the best of the minianess and a certain timeless rhythm.

As the setting for his portrait of the Shah of Iran, TIME Cover Artist Bernard Safran copied a delicately elegant miniature by an unknown artist of the Safavid Dynasty period (1501-1734). Like most miniatures, this one was a book-size illustration for a Persian poet's verses. The lover is seen with his beloved in a pavilion in a flowering garden, where women attendants come with sweets and wine. A line of text runs around the edge: "My heart accepts the thorns of your garden . . .

The goals of a TIME cover story are. in a way, like those of a miniaturespaciousness within economy, careful balance and meticulous detail. For a year Time's editors have been watching the Shah's progress with a cover story in mind, and Beirut Corresponddor have ranged widely over the Iranian countryside. After one trip to the remote rug-making town of Tabriz. McHale had to return to Teheran in "an ancient Russian sedan with weak brakes and uncertain gears. For 15 hours we groaned up hills, whistled down mountain slopes in neutral. while the driver merrily sang Persian war songs and I repeated what I hoped was a perfect act of contrition.

As Iran's election crisis suddenly hit. McHale covered angry rallies, turned up at the Shah's press conference-a regal affair where reporters wear cutaways and striped trousers-and "clumped down in the rear row, hoping



COVER BACKGROUND MINIATURE

my blue suit wouldn't seem too shabby." He and Fodor met their deadline with a massive report to Foreign News Writer Richard Armstrong, who, having drawn on background material put together by Researcher Nancy McD. Chase, turned out the story of a hardworking king in trouble. What McHale and Fodor needed then was rest-perhaps in a miniature-like garden. But there were thorns. On the plane ride back to Beirut, McHale reported, "I got no sleep, partly because one girl passenger decided she didn't want to wrinkle her dress, and so removed same in full view of all hands,"

REDERICK S. GILBERT, TIME's general manager since 1948, is leaving us this week on a new assignment for TIME Inc.: General Manager of the company's Broadcasting Division, which includes among its many activities the supervision of radio and TV stations in Denver, Minneapolis, Grand

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DATA · phone

A NEW TELEPHONE SERVICE FOR THE NEW ELECTRONIC ERA

Bell System's Data-Phone service enables modern business machines to "talk" to each other over regular telephone lines

More and more businesses are using complex computers and other electronic machines to process current facts and figures.

Where plants, warehouses, branches or offices are located in different cities and states, there is increasing need for a quick, economical way to transmit payroll, inventory, billing and other data from place to place.

This is especially true where the policy is toward decentralization of various activities.

In serving this communication need, the Bell System has come up with a new and extremely flexible method called Data-Phone service.

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In providing the communication lines and Data-Phones, the Bell System is working right along with manufacturers who are developing the business machines to complete the service.

It all adds up to an interesting and exciting opportunity to render a new data communications service for our business customers.

A GREAT FUTURE

It is not improbable, within the next decade, that the amount of communication between electronic business machines in different cities will be as large as telephone communication between people.

BELL TELEPHONE SYSTEM



TIME

NATIONAL AFFAIRS

THE NATION

Uninvited Visitor

With a roll of the Soviet propagands drums Moscow amounced last week that Nikita Khrushchev will go to New York to head the Soviet delegation at the United Nations General Assembly session beginning Sept., go. Khrushchev's second beginning Sept., go. Khrushchev's second the first one. He was contrible to the first one of the first one of

The Communist bosses of Poland, Rumania and Czechoslovakia announced that they too would attend the U.N. session, and the remaining satellite starps would probably follow along. Khrushchev proshould head their U.N. delegations and work toward a disarmament agreement. Recalling the Soviet practice of timing rocket feats for propaganda purposes, the West braced itself for some Soviet space stunt on or about Sept. 20—perhaps and bringing him back alive.

Frosty Calm. Nikita Khrushchev would be coming to the U.S. only four months after he had broken up the Summit, personally insulted the President, slammed the door on the President's trip to Russia, and spurred Communist agitation in Japan against Ike's visit there. He would be sitting in the U.N., dedicated to peace and world order, in his capacity as the world's No. 1 international troublemaker, and representing a system, as Secretary of State Christian Herter said in a speech to the American Bar Association last week that is "the central obstacle to the establishment of a world of order." At the U.N., the man with the world's most powerful army, Khrushchev would be crying disarmament. He would undoubtedly be heard deploring the Congo chaos, though his goal in the Congo, as Secretary Herter also told the A.B.A., is the "collapse of order." Washington expected Khrushchev, just before or after his spell in the U.S., to visit the Cuba of U.S.-hating Fidel Castro, who last week told a mob he was now planning to recognize Communist China.

Washington's official reaction was a frosty calm. Apart from taking security measures to guard against any assassination attempt, said U.S. officials, the U.S. Government would not be involved with Khrushchev's visit. As a chief of government he has a right to head his country's U.N. delegation, but the U.S. would not consider him a state visitor to the U.S., would treat him on the same terms as any other U.N. delegation chief.

Questioned Hondshoke. Even so, Khrushchev's impending visit raised touchy problems. President Eisenhower's tentative plans to make a farewell address to the U.N. General Assembly were now complicated by the question of whether he should profier even so much as a handshake. If Eisenhower stayed away, would



KHRUSHCHEV AT U.N. (1959)
The central obstacle to order."

Khruschev have clear domination of the show? In the end, the Administration announced that Herter, not Ike, would lead the U.S, delegation. That decision came as a relief to France's Charles de Gaulle, who considers the U.N. "emotional and noisy," but knows that if Ike followed Khruschev, Britain's Prime Minister Harold Macmillan would follow Ike, pro-Vork, Ike it or not.

Men assigned to the task would now try to conclude what Khrushchev was up to and recommend courses for counteracting his propaganda ploys (see FORZEN NEWS). They did so not in alarm but as part of their job. Things would be livelier with Khrushchev in the U.S. Undoubtedly he might try to meddle in the U.S.'s presidential campaign. Democrat

livelier with Khrushchev in the U.S. Undoubtedly he might try to meddle in the U.S.'s presidential campaign. Democrat Jack Kennedy announced that he would meet with Khrushchev only if Richard Nixon went along. A spokesman for the Vice President doubted very much that Nixon or Kennedy would be invited.

THE CONGRESS Sad Little Session

The 86th Congress passed away whimpering. The short, post-convention sum-mer session ordered by the Democratic leadership to make campaign hav turned into a Democratic fiasco. Bill after bill was either stopped dead or hacked to pieces by a disciplined coalition of Republicans and conservative Southern Democrats. Dick Nixon would not have to explain away any awkward presidential vetoes during his campaign, because President Eisenhower had not had to use his veto. Although on adjourning Majority Leader Lyndon Johnson and House Speaker Sam Rayburn pointed with customary pride, they could not camouflage the failure.

Jack Kennedy, angry and frustrated by his inability to force through even one pet project, was left empty-handed and—far worse—derided by the Republicans for failure to rally the overwhelming Democratic majorities behind his program. In the last fiftul week, two more of Kennedy's cherished billis—the minimum-wage extension and the school of the program of the best of the Sense delegation that went

* One exception: the President vetoed a bill providing (ederal subsidies for small producers of lead and zinc, who have been hit hard by declining prices. to a Senate-House conference committee trying to work out a compromise between his own version of the minimum-wage bill (boosting wages from \$t\$ to \$8.25 per hour, extending coverage to \$4.00.000 jobs mum wage, extension to \$4.00.000 work-ers). He faced an implacable coalition of conservatives. Their terms: the House bill or nothing, Rather than accept the sealed-down version and run the risk of a heavy extension to \$4.000 jobs more than the sealed and the sealed and the sealed sealed with the sealed and the sealed sealed

Ducking a Dilemma. The school construction measure was landlocked in the House Rules Committee. Again Jack Kennedy faced a dismaying dilemma: the nation Organization of American States condemned Dictator Trujillo's Dominican Republic for aggression and called for sanctions against it (TIME, Aug. 29), Ike needed authorization to cut imports of Dominican sugar to the U.S. The Senate obligingly voted unrestricted authority to the President, but the House capriciously insisted that he would have to wait until the OAS members formally invoked sanctions. In a schizoid mood neither House nor Senate would budge, and the new sugar bill died with the Congress. Ike was left with two possible recourses: 1) to invoke special emergency powers to permit him to cut off the sugar, or 2) to postpone any import of sugar whatsoever until New Year's Eve, thus allowing only the tiniest days after he banged his left knee on an automobile door during his quick campaign trip to Greensboro, N.C., he began to sense that something was wrong. The knee swelled, but instead of going to a doctor. Nicon just handaged the leg himself: Ten days after the accident he turned himself in to Walter Reed General Hospital for tests. A doctor drained of a sample of fluid from the knee for the sample of the first of the first part of the "staph," a ubiquitous microbe that can cause a varied assortment of minor and major ills—from holis to pneumonia to fatal blood poisoning.

Nixon checked into Walter Reed's presidential suite (carefully paying the \$\frac{3}{4}\$-aday rental out of his own pocket) for a fortnight of treatment. His left leg was put in traction to keep the knee immobilized, and he was soon responding to injections of penicillin and crythromycin.\(^2\)

He had nienty of visitors. President

He had plenty of visitors, President Eisenhower came, proclaimed that Nixon "looks fine." Staffers showed up to work over campaign schedules and speeches. Senate Majority Leader Lyndon Johnson and Minority Leader Everett Dirksen came in together, and Johnson afterward joked that he had asked for tips on how to run for Vice President from a man with a lot of experience at it. New York's Governor Nelson Rockefeller showed up sporting a big "I'm for Nixon" button on one lapel and an elephant-shaped "Nixon" pin on the other, told newsmen that he was planning to make 120 speeches for Nixon during the remaining 60-odd days of the campaign.

A fortnight lopped out of Nison's own buy campains abedule might be considered a serious political misfortune, but Nisomen arqued that he could profitably use the hospital stay for needed test and staff work. With Nison abed, Running Mate Henry Cabot Lodge spent the Labor Day weekend touring Catskill mountain resorts and New York public beaches in company with Rockefeller.

Under Nison's new plans he and Lodge will formally open their campaign early next week with ceremonies at Baltimore's Friendship Airport. Then they will part company, with Lodge heading for Ohio, Pennsylvaini, Illinois and Florida, Nison setting out on a whirlywind tour that will take him to 1st cities and towns in 14 states over a span of six days. That schows have a span of six days. That schow Nison has set for himself from the time he gets out of Walter Reed right down to election ever.



NIXON WITH JOHNSON & DIRKSEN AT WALTER REED Rx: rest, staff work and substitutes.

Senate version, appropriating nearly twice the money (siz, billion) offered by the House, authorized special federal funds to raise teachers' salaries—a mouth-watering campain plum. The House bill contained Adam Clayton Powell's familiar monkey werends: an amendment restricting the construction money to integrated schools. With the promise of a vote, if necessary, from Arkansas James Trimble, Kennehad the strength to get the House bill out, if Kennedy gave the world.

But in the Senate, the Powell Amendment would have brought on a Southern fillbuster, Had Kennedy labored to get the amendment dropped in conference committee, he would have antagonized Negro voters. Kennedy was content to see the bill die, passed the word to Trimble to do nothing. He thereby avoided needlessly antagonizing teachers, Negroes and Southerners.

The dying Congress was not only rough on the Democrats, it also deliberately defied President Eisenhower. After the 21trickle of Dominican sugar into the country. If the Congress decided that either action was illegal, grumped Ike, "let them impeach me."

impeach me."

In its last days, the Congress also:

Sent to the White House a stopgap housing bill providing \$500 million more in loans to colleges for new dormitories, extending FHA insurance for unsecured loans for home improvements beyond the

Oct. 1 expiration date, and tacking on \$50 million in new loans for municipal public facilities.

¶ Appropriated \$3,787,350,000 in foreign aid, which President Eisenhower approved, even though it was nearly \$500 million under his original request.

THE CAMPAIGN Out of Action

Just when the adjournment of Congress promised a wide-open campaign trail. Richard Nixon discovered that he was not only running against Jack Kennedy but against a crippling opponent named hemolytic Staphylococcus aureus. A few

THE LAW

Close Vote
President Eisenhower was engagingly
informal as he spoke from notes last week
to a vast assemblage of U.S. lawyers and
British guests in ceremonies at Washington's Sheraton-Park Hotel. But his message was deadly serious. "Are we seeking

One of Staphylococcus aureus' unpleasant traits is a tendency to develop strains resistant to antibiotics. But antibiotics worked in Nixon's case. peace with justice, are we seeking a world rule of law, or are we seeking to find ways in which we can cater to our own views and ideas in the legal field?" he asked. "We must put our minds on the rule of reason, not upon every kind of petty or important obstacle that can be imagined, not every kind of difficulty that might be in the way of a perfect administration of international justice."

So saying. Dwight Eisenhower lobbied hard on the biggest issue confronting the Sard annual convention of the American Bar Association: whether the A.B.A. should stand by its 13-year-old condemnation of the so-called Connally Reservation, which weakens U.S. participation in the World Court and encourages other nations to duck World Court jurisdiction.

History of Fairness. On the day of the vote, some of the nation's best-known lawyers rose to endorse Ike or to dispute him, "I am not prepared to give up one iota of American sovereignty to a court that is controlled in part by the Soviets, said fiery A.B.A. Past President David F. Maxwell of Philadelphia, who called instead for "a court of free nations . . . where laws will be supported by Anglo-Saxon justice and not totalitarianism."0 In rebuttal, the A.B.A.'s incoming president, Whitney North Seymour, 59, of New York, argued that the court's decisions during its 14-year history have shown it to be learned and impartial. The A.B.A.'s new President-elect John C. Satterfield of Mississippi, 56, who will succeed Seymour in one year, contended that "if we retain the Connally Amendment, every day, every week, every year, we will be telling the world that we will not submit to the jurisdiction of the World Court and international law.

The final vote was tense. Before it be
On the 15-judge World Court, where majority decisions are binding, one judge is from Russia, one from Poland, one from the U.S., twelve
from the rest of the non-Communist world.



A.B.A. PRESIDENT-ELECT SATTERFIELD



IKE & G.O.P. Congressional Candidates Rx: issues, shoe leather and doorbells.

gan, Attorney General Lavrence Walsh and Solicitor General J. Lee Rankin—who are satisfacting members of the season over the underscore the Eisenhower Administration's concern over the outcome. By a slender 114 to 107, the A.B.A. stuck by its condemnation of the Connails Reservation.

tion of the Connally Reservation.* Outside Peace, in special Section 1 lossing night, Lawyer Adial Stevenson inght, Lawyer Adial Stevenson the organized Bar of the country has given this manifest of America's belief in the ideal of a common confidence among nations. "Secretary of State Christian Herter added his 'unqualified endorsement": "As a world leader, we are setting an exaction as the Connall's Amendment."

Said Arkansas Senator J. William Fallbright, tho will carry the brunt of the load in the Senate drive for respeal: "3x a much as some Americans may dislike it, the U.S. has been thrust into the center of world affairs. Either we move to a superscript of the senate of the senate of the which the World Court is a conspicuous example—or we continue to sufter increasingly the frustrations of a world in which there is no real peace."

REPUBLICANS

The New Class

"Poor organization and failure to run stronger candidates" beat his party in many areas in 1958, wrote Vice President Kichard Nixon in a post-mortem after the Democrats won the House of Representatives 28 to 18 55. Since then Nixon & ruiters 28 to 18 55. Since then Nixon & ruiters 28 to 18 55. Since then Nixon & ruiarticulate, attractive young Republicans to run for Congress. Last week 167 of © The Consulty Reservation can be abeliable only by a teasy-artifying two-direk vote of 1960's crop of new Republican candidates paid their way to the capital, where the Republican Congressional Campaign Committee picked up hotel and food tabs and put on a two-day cram course on how to influence voters and win elections.

Behind closed doors the old timers showed some trade secrets. Ohio Congressman Bill Ayres exhibited a sample children's coloring book with his picture on the cover. California's Bob Wilson had his popular Bob Wilson's Cookbook on display. Pennsylvania Candidate James H. Mantis told about his campaign pin -a golden praying mantis. But the stress was less on gadgets than on issues; such topflight Congressmen as Minnesota's Walter Judd, Michigan's Gerald Ford and Illinois' Les Arends joined with Administration experts in seminars on foreign relations, national security, the economy, fiscal policy and space. Then the pledges went over to the White House for some strong campaign advice from another relative newcomer to politics who has won more votes than any other man. "Work, and know what you are working said Dwight Eisenhower. "You have got to do a lot of wearing out of shoe

leather and ringing of doorbells." By and large, the G.O.P. elders were pleased with the crop. Many of the candidates are lawyers, and several are doctors, though their ranks also include a California geologist, an Ohio newspaper publisher, an Indiana livestock salesman, and a South Dakota Sioux Indian who is a Harvard Ph.D. and was an official of the Bureau of Indian Affairs until he resigned to run for office. By and large they had a surprisingly strong conservative bent. In a representative cross section polled by a TIME correspondent, only a few chose to identify themselves as middle-of-the-roaders. A substantial majority arranged themselves solidly with Arizona's Barry Goldwater, guiding spirit of far-out G.O.P. conservatives.

POLLS

Dead Heat

The fortunes of the presidential candidates, according to the Gallup poll, are fluctuating as madly as cardiograms of young lovers in the Tunnel of Love. Last month, right after the G.O.P. Convention. Gallup reported that Dick Nixon had overtaken and had a commanding lead over his opponent, Jack Kennedy-50% to 44%-in the hearts of his voting countrymen. The poll caused jitters at Kennedy headquarters, some doubts amidst the jubilation in Nixon's camp, and considerable skepticism in the ranks of Washington commentators. Last week, a scant fortnight after his first poll, Gallup announced that Kennedy had moved up to a dead heat with Nixon-47% to 47%. What still bothered the skeptics in all camps was the suspiciously low 6% of the electorate Gallup found still undecided between the two candidates.

Giant's Promise, At the stadium, putting his prepared text aside, Kennedy delivered what reporters agreed was one of his finest political speeches. He spoke of the perils and problems confronting the U.S. "I don't run for the office of the President to tell you what you want to hear. I run for the office of the presidency because in a dangerous time we need to be told what we must do if we are going to maintain our freedom and the freedom of those who depend upon us." Then Kennedy hit his campaign theme of work and sacrifice to make the U.S. future secure. "What shall we do in this country?" he asked. "What shall we do around the world to reverse the trend of history, to take those actions here in this country and throughout the globe that shall make people feel that in the year of 1961 the American giant began to stir again, the great American boiler began to fire up again, this country began to move ahead again?" Jack Kennedy gave no real answer to his working. It had been that way, increasingly, since Jack Kennedy left Washington and its disappointments behind him the previous day. Barnstorming through his native New England, he encountered larger and more enthusiastic crowds at every airport and rally. (In Manchester, N.H. his pregnant wife Jackie prudently left the entourage and went home because of the crushing crowds and fast-stepping pace.) With each new audience, he seemed to respond more enthusiastically, to work up more steam. At one point he talked as though the rest of the nation wasn't listening, hinting broadly that trade protectionism could solve New England's industrial decline-an attitude quite different from the Democratic low tariff stance set by F.D.R. Said Kennedy in Manchester: "We can protect our textile and shoe industries

After Maine and New Hampshire. Kennedy raced west in his chartered jet clipper Caroline* to California and Alaska,
then headed back to Detroit for the traditional Labor Day speech in Califliat
Square. New England reassured him that
the spell was still working. "I am noive to
Lutiled States", he said in San Francisco.
"in order to show that this country cannot afford four more years of Republican
leadership." Jack Kennedy was off at last,
and running hard.

POLITICAL NOTES Who's for Whom

In Little Rock, Governor Orval Faubus. Arkansas' Galahad of segregation, gave the Kennedy-Johnson ticket a gingerly endorsement, but made it clear that he will have no truck with the Democratic platform, especially its hateful civil rights plank. In Tallahassee, Farris Bryant, the Democratic candidate for Governor (and, in effect, Governor-elect) reached the same split decision, gave Jack Kennedy a grudging nod while deploring the "repugnant" civil rights program. In Washington, the grey eminence of diehard Dixiecracy, South Carolina's Strom Thurmond announced that he could stomach neither the "obnoxious and punitive"

platform nor Candidate Kennedy.

¶ During the farewells on his departure from the United Nations. Henry Cabot Lodge received a cable from Rome informing him that the Knights of Maltathad awarded him their Grand Cross of Merit. A top-ranking Roman Catholic

* Named for the Kennedy's 2½-year-old daughter; not to be confused with the Presidential jet Columbine III., named for the official flower of Coloredo Mamie Eisenbower's home state.

9. A charitable, fraternal order beam by the Hospitallies of St. John of Jerusalem, Crasaders who ruled Rhodes for two centuries and Malta for nearly three, fought Turks and Barbary pirates, and established hospitals all over Europe. The order still retains a vestigal soverieisnty: its headquarters in Rome (population at last count: 2) is half the size of a football field, ranks as the world's smallest independent state. The Knibble issue passports, exchange



Jack & Jackie Kennedy Campaigning in Manchester, N.H.

Also a hint of old-fashioned protectionism.

DEMOCRATS

The Campaign Spell

In a room in Portland's Lafayette Hotel, Candidate John Kennedy dined quietly. then burried down to the street below. The chemistry of the evening had touched and stimulated him, and he was anxious to get back among the crowds that filled the streets. As his motorcade started for the Portland stadium, the mood heightened. There was a tang of September in the Maine air. The low hum of excited people rose from the four-deep throngs along his route, burst into cheering as Jack Kennedy passed by. The glow of old-fashioned torches, hand-crayoned signs (I'D WALK A MILE FOR JACK) and chants from the voungsters ("Never fear, Jack is here") gave the first stop in his post-congressional campaign a feeling of a long-ago political rally.

own questions; but the crowd was with him as he continued:

"This is not a contest merely between the Vice President and myself. This is a contest between all of us who believe that the future belongs to the United States all of the men and women of talent and industry and interest and vitality who wish to play a part in its life. I ask the support of all of those who believe that this country can lead the world."

Protection's Hint. Throughout his speech. Kennedy kept his audience of 5,000 listeners rooted to their seats, and some veteran reporters forgot to take notes. Not until he finished was there a great burst of applause and a surge toward the candidate. The Kennedy spell-which he had promised would be cast again, once he had shaken off the legistative frustrations of Washington—was

laymen's order (among the U.S. members: Joseph Patrick Kennedy, father of the Democratic presidential candidate), the Knights seldom decorate Protestants. For Episcopalian Lodge, the decoration was a rare honor indeed.

of the Assemblies of God, an evangelical church with some 1,000,000 members, met in Springfield, Mo, and unanimously adopted a resolution opposing a Roman Catholic as President of the U.S.

¶ Ea-Ballplayer Jackie Robinson joined the campaign retinue of Vice President Richard Nison as a speechmaker and Negro policy adviser. The Kennedy-Jeaning New York Past promptly withdrew Robinson's daily column from circulation for the duration of the campaign. Robinson. Still a big hero among millions of U.S. Negroes, has long needled Jack Kennedy rights as the country to be the property of the protricts as the country to be.

A Shot Heard Far

The one Republican who inspires a thump of political kinship in the hearts of Virginia Democrats is Arizona's deepdyed conservative. Senator Barry Goldwater. On a raid into the Old Dominion last week, Goldwater publicly assured Virginians that they could interpret the silence of their own Democratic patriarch, Senator Harry Flood Byrd, 73, about the Kennedy-Johnson ticket as "sufficient into vote for Nixon-Lodge. In rebuttal, Virginia's Governor J. Lindsay Almond, sometime Byrdman who has gradually set up a separate camp of his own, spoke up for Jack Kennedy and seized the chance for a sly jab at Byrd and his lieutenants. "I am certainly not going to label these distinguished Virginians as Republicans," said Almond with deadpan irony, "Senator Goldwater has already done that. Whether his statement is a compliment or an accusation is a matter for these gentlemen to dea! with as they see fit.

Later that day, Almond fired off a shot heard round Virginia, and beyond. "There is no doubt in my mind," he said to newsmen, "that the Republican leadership, by innuendo, is seeking to capitalize on the religious issue, Furthermore, I think Mr. Nixon has done that by repeatedly referring to the matter, ostensibly to deprecate it." It obviously was getting hard to tell just who was doing most to fan the religious issue-those who make a point of it, those who deprecate it, or those who call attention to those who deprecate it. Jack Kennedy, asked whether he agreed that Nixon was trying to exploit prejudice, answered that he was "sure the Vice President does not want this campaign to hinge on a religious debate.

WOMEN Tea Party Task Force

The cabin of their chartered Convair was carefully stocked with smelling salts and tranquilizers, the engines were checked and the tanks were topped off. The travelers were ready to go. Then someone realized that they had not alerted the pilot. That little matter attended to, Lyndon Johnson's wife Lady Bird, Jack Kennedy's sister Eunice, and Bobby Kennedy's wife Ethel left Washington last week and headed West on the first all-female foray of the presidential campaign. Disturbed by reports of Texa's growing unhappiness with Lyndon Johnson for supporting the liberal civil fights here teltermined to corral the female vote and saye the Lone Star State for their party.

save the Lone Star State for their party.

Airborne Advice, They had a clutch of
Texas Congressmen's wives for company
and one male: Warren Woodward, manaman and the star of the star o

mary of her brother's war record, his qualifications for the presidency ("It would take more than Jimmy Hoffa sorre my brother"), and took on the job of outlining States-in-Law Jackie's qualifications for First Lady: "She's 31, speaks five languages, is very much interested in children. She would make the White House a gay and pleasant place. There would be life and laughter."

Constant Energy, By the time the tour was finished, the girls had handled integrated ten party or segregated herakfast with equal alpoint. They had spoken their piece for people who distrusted Catholics "does not influence Jack in any way except a religious way"), people who were worried about the oil-depletion allowance, who resented Lyndon Johnson's second place on the ticket. Their energy was a source of constant construction to over a source of constant construction to every way had hardly arrived at the L.B. J. Ranch for



SISTERS-IN-LAW EUNICE SHRIVER & ETHEL KENNEDY WITH LADY BIRD Also water polo, touch football and tug of war.

gnettes on the people the girls would meet. ("She's never been a friend and never will be, but I hope she will work for the Democratic Party.") And all the way, outspoken Eunice Shriver and casual, quick-witted Ethel Kennedy quietly took notes. By the time they landed, the campaigners were well briefed.

Performing with the enthusiasm of didtime, touring vandevillians, they swung across the state—Houston, Dallas, Wichi, Ir Zills, Ell'son, Odessa—mwisted by roo's heat, shook as many as 2,500 hands a day, made their pitch at morning "cultees." Bird explained Lyndon with wifely conviction: "Lyndon is the same man as before. He has never been embraced by extreme liberals or extreme conservatives." Ethel got am admiring gasp when she was the Ennice drew sober attention with a suma rest before the Kennedy girls had picked teams for water polo, run through a touchfootball game and corralled survivors for a tug of war. By dinnertime they were ready with a skit spoofing the lines they had fulfied along the way. A lone male reporter, almost dismembered during the tug of war, skieded dolefully about the campaign ahead: "If these are the women, what can the me b like?"

AMERICANA Romantic Excursion

As the Lackawanna Railroad's crack Phoebe Snow pulled out of Hoboken and roared west last week, a private Pullman car was attached to the rear, with a party of eight elderly Negroes aboard. The leader and bill payer of the group was a tall, spare man, duded up in a blinding sports shirt and necktie, a sharp-lapelled suit, jaunty Ivy League cap and highbutton shoes. He was no potentate from Africa, but William Tyler, 78, a retired Pullman porter, and he was relishing the fulfillment of a lifetime dream.

Last spring Tyler, living quietly in a Los Angeles rooming house, hit he Irish Sweepstakes for \$68,000 after taxes, Grandly, he invited his wife, his landlady and five old friends to join him on a monantic, cross-Lost of the Control of the Contro

From Los Angeles the private Pullman rolled to El Paso, New Orleans, Cincinnati, Niagara Falls, New York and Chinaca, with leaturely, de lune stopovers in the Model of the Parket New York and Chinach with the Parket New York and Parket New York and Parket New York and Parket New York 18,500. Said Tyler: "I've got enough money left over to last me the stakes again in October, I'll hire another car and come back."

Man & Plan

"The tide is definitely turning," said the frail old man. "My crackpot idea is becoming the idea that will save America from economic serfdom and will bring happiness and prosperity." The time was almost right: his Townsend Vas almost right: his Townsend Plan, a Depression-borne pension panarea, had caught the fancy of legions of elderly Americans. At nood ide, more than 4000 coo members in 10000 Townsend was provided by the property of the property of the property of the provided pro

Conceived with a Curse. Like so many oddail utopals, the Townsend Plan began in Southern California.* Because of Iragic health. Francis Townsend had given up a horse-and-burgey practice in South Datacot with his order of the Court Datacot with his man headed for Long Beach, with the same properties of the Court of t

a Among many mode-in-California initiation and rivals of the Townerd Plant, for oa achieved notable power and the support of millions of in California and the Hama-and-Ease movement, both utopian schemes to aid the poor and acad, founities on the Democratic nominee and acad, founities on the Democratic nominee Sinciair got \$79,000 votes to Republican Frank Worliam's 11,3600. Hama-and-Ease, cooled up wide public support (and several noticious consumers) and the property of the property o

food. The sight outraged Townsend's sensibilities, and he began to curse in such a loud voice that his wife begged him to be quiet. But Francis Townsend would not be hushed: within a month his plan was written, and before a year had passed, the wrathful Savonarolo of the senescent was

heard across the U.S.

Townsend proposed to pension off every citizen on his 60th birthday with \$200 a month, and to pay for the \$20 billion annual cost by levying a staggering 2% tax on every business transaction in the nation. (He later lowered his sights to a minimum \$135-a-month pension, to be paid for by taxing personal incomes.) The plan promised all things to all men of all ages: by forcing the retirement of oldsters, it would create new openings for younger men and thus solve the unemployment problem: and by requiring every pensioner to spend all of his \$200 every month, it would keep money in constant circulation. Cheers over Jeers, Economists hooted

at Townsend and the unworkability of his plan. But the cheers of Townsend's followers drowned out the jeers, and the Townsend Plan assumed ominous proportions as a religio-political movement with clubs in 42 states, a well-organized lobby in Washington and a Recovery Song (sample lyric: "Old folks will take their ease and have a bit of fun/And will be grateful

to Townsend!").

As his movement gathered strength and power, Townsend got into politics with some old cronies. In 13,6 he helped found the cryptofascist Union Party, with Gerald L. K. Smith, the pitchman of Huey Long's Share the Wealth power of the Cong's Share the Wealth power of the Party and a convicted subversive in World War II), and Father Charles E. Coughlin, priest-leader of the notorious "social justice" movement. Their presidential candidate. North Dakoda's Representative William Lenke, pobled a mere Say accoost of



LEADER TOWNSEND (1936)
Remembered with a nervous twinge.

44,000,000 votes. Later, for refusing to answer a congressional committee, Townsend was sentenced to 30 days in jail for contempt. But Franklin Roosevelt recognized the portents of martyrdom, granted him "an unsolicited pardon."

Fanning Old Fires. In 1939 Dr. Townsend sat in dejected silence in the gallery as the House of Representatives crushed his plan, 302 to 07. By then, social security was all the thing. (Townsend contemptuously refused to accept his own social security paycheck of \$99.15 until he was 86.) After his wife's death in 1951, Dr. Townsend spent his days restlessly traveling, speaking to the faithful, trying to rekindle the old fires. In the midst of a tour last month, he caught pneumonia, died of complications in Long Beach last week, a wispy old-fire breather of 93, unknown or half-forgotten by most Americans. But he was remembered with a nervous twinge by an older generation of politicians, and mourned by 1.000,000 faithful followers in the remaining 2,000 Townsend clubs.

NEW YORK "So-Called Civilized"

Well-tamed New Yorkers have long since learned that to stray beyond the floodlights in the city parks at night is to invite a holdup, a mugging or worse. But Columbia University Professor Karl H. Menges, 52, who has seen some wild places in his time, thought he was in a civilized country as he took his evening walk one night last week past Morningside Park, which borders the Columbia campus. Half a dozen teen-agers stopped him, asked for a match, then as he hesitated beat him over the head with a heavy board and knocked him bleeding to the ground, Professor Menges got to his feet, whacked out with his walking stick and sent them running.

Next morning he whacked out just as resoundingly at the city that lets such things happen. "I have traveled alone, unarmed, all through the Caucauss, Turkey, Runsian Turkistan, Persia, occasion, the hostile to white men," said Central Asian Language Specialist Menges. "I have also gone among handlist in such places and never been molested. But here in a so-called civilized city, in the evening on a lighted street near a large wife within such things with things should be tolerated."

TEXAS

Trouble in Buffalo Gap

Time was when high-spirited citizens of Buffalo Gan Texas (pop. 35s) tet off steam by bucketing down the main street on their perkiest cow ponies. Then came automobiles—but little else changed. Everyone still barried through town at a breakneck clip. The sheriff was twelve miles away in Abilene, as remote as he was in the old freewheeling frontier days of wagon trains and trail herefs.

Last fall the law came to Buffalo Gap. Unwary townsfolk voted to incorporate







Cops Frisking Jacksonville Negroes
A shuddering distaste for racial amity.



POLICE CHIEF REYNOLDS

so they could get a better school and a municipal water system. What they also got, as soon as their aldermen began to exercise their new powers, was a partime city marshal. And as soon as he ned to be a soon as the second of the second of

Flashlight & Six-Gun. Two more marshals came and went before Mayor C. P. Hendrix finally found a long, lean hangover from the old West named Floyd Earl. The new marshal took over like the hero of a TV shoot-'em-up. "This has been my home all my life," says Earl. "I felt like I was just volunteering for military service." With neither uniform nor police car to advertise his authority. Earl prowled his territory after dark, wigwagged at speeders with a flashlight, unlimbered his six-gun and shot at them when they failed to stop. Although he has vet to hit a car (or driver). Earl keeps trying to slow them down. When some local toughs threatened to run him out of town, he grabbed the ringleader and promised to pistol-whip him the length of Main Street if he talked back to the law again.

By then half the town was after the marshal's hide. Last week they called a meeting and tried to get Earl fired. "He impuss out at cars and starts waving this flashlight at them," said Mrs. Carl Holdowll. "If you were a stranger going through town, would you stop? Then he pulls a gun on you and starts shooting. The other day he was walking down the main street with a pistol and a sawed-main street with a pistol and a sawed-body's life in town is in danger werp-body's life in town is in danger wethy and loose."

Curtain Lines. The mayor and the aldermen sided with Earl. He himself scuffled his cowboy boots in the dust, spat through tobacco-stained teeth and stayed on the job. So far he has only collected 80 in fines, but he has no intention of quitting his fashilaritan-dipistol technique, or his job. "They threatened to kill me Saturday night." he dwals. "At least three times they've tried to run me only way I'm goint, to learly in the cononly way I'm goint, to learly in it. town fires me, or if they carry me out to the family plot and bury me."

FLORIDA Promise of Trouble

"If Christ walked the streets of Jack-sonville," a Jacksonville priest told his congregation, "he would be horrified." Dark rumors ran through the streets of Florida's third largest city last week. The wounds of violent race riots were open and ugly, and there was promise of more trouble to come.

Under its sleek veneer of progress-the tall new buildings, the bustling St. Johns River traffic, the tony seaside country clubs-Jacksonville is more akin in spirit to nearby cracker towns in south Georgia than to cosmopolitan southern Florida, and seems to have reverted to type. Its newest school was named after Civil War General Nathan Bedford Forrest, and even the kids knew that "Fustest with the mostest" Forrest was one of the founders of the Ku Klux Klan. Mayor Haydon Burns is a 48-year-old segregationist with his eye on the Governor's chair and a shuddering distaste for doing anything to promote racial amity. Police Chief Luther Reynolds is a 62-year-old, greying Andy Gump, a man who "does not believe Jacksonville is ready for integration.

Epidemic, Jacksonville's Negroes have also been slow to catch up with the times. Sit-in demonstrations stirred up most of the South before Jacksonville even got a taste of them last winter, and the Jacksonville version failed miserably. Then, last month, in the middle of a lackluster summer, Jacksonville's Negroes were moved to try again, The demonstrators got no help from local whites, and tension mounted. A pair of Neero youths, running from the cops, accidentally knocked an elderly white woman through a plateglass window; a white woman and a Neadard woman and a Neadard with the pair of the pair

The Negroes retreated to "Niggertown" on the northwest edge of the city, announced that no whites were welcome. Cars driving along the new expressway were stoned and shot at. White tax driver extended and shot at. White tax drivers venturing into the Negro section were burned by potash. Fire bombs were tossed. A Negro ex-convict named Charlic Davis led a shooting raid on a white filling station, got shot in the head himself and was

burned by potash. Fire bombs were tossed. A Negro ex-convict named Charlie Davis led a shooting raid on a white filling station, got shot in the head himself and was killed when his car crashed into a utility pole. Negro gange save up fighting among themselves. banded together against the common entemy and roamed the streets common enterpy and roamed the streets open the streets of the streets

Truce. By week's end business was far below normal in Jackonville Governor LeRoy Collins had alerted the National Collins had alerted the National Collins and Col

"He who forgives ends the quarrel," proclaimed the bulletin board outside the Snyder Memorial Methodist Church. Few people in Jacksonville last week seemed ready to forgive.

FOREIGN NEWS

THE NATIONS

Back on the Job

Tanned and bouncy from three weeks' vacation in the sunny Crimea, Nikita Khrushchev last week returned to Moscow. Portents of trouble began cropping up all over.

The first was in West Berlin, Angry over scheduled congresses there of former war prisoners and of "expellees" from once German lands now held by Poland and Russia, the East German Communist regime imposed the severest curbs on travel in or out of Berlin since the 1949 blockade. For five days, said the East Germans, no West German would be allowed to enter East Germany or East Berlin without a special pass. The East Germans also warned the allies against flying "militarists and irredentists" into West Berlin along the air corridors that link the city with West Germany.

The huffing did not really hurt. West Berlin's Mayor Willy Brandt announced that his government would pay the air fare of any West German prevented from traveling to Berlin by train or car, and in well-publicized defiance of the East German threats, allied planes proceeded to fly in delegates to the rallies. But at check points along the land routes, many an ordinary West German was turned back and traffic piled up for miles as East German cops carefully checked the background of the occupants of each car.

Exclusion Act. Khrushchev's move was more spectacular. He had decided, he announced, to come to New York Sept. 20 to lead the Soviet delegation at the opening of the U.N. General Assembly. Apparently this meant quite a gathering of the clan. Day before, Rumania's Party Chief Gheorghe Gheorgiu-Dej proclaimed that he would head his country's U.N. delegation. Presumably, all the satellite leaders would troop across the



KEKKONEN & FRIEND Portents of impertinence.



Associated Press EAST GERMAN BORDER POLICE STOPPING CARS IN BERLIN Huffs of interference.

Atlantic. Presumably, too, Khrushchev's new-found friends in the Western Hemisphere, Cuba's Castro and Dominican Dictator Trujillo, would also make in-person appearances at the U.N. And Nikita blandly allowed that he thought "it would be good" if President Eisenhower and Britain's Prime Minister Macmillan also put in an appearance.

What does Khrushchev hope to accomplish at the U.N.? He himself made one of his purposes plain when he announced that the Western chiefs of state should meet him at the U.N. to achieve "a rapid solution" on disarmament. As part of his campaign to alienate Afro-Asian neutrals from the West. Khrushchev clearly plans to launch a new disarmament

spectacular at the General Assembly.

But Khrushchev has another audience he keeps much in mind these days: Red China's insubordinate Mao Tse-tung. By assembling in New York all the world's Communist chieftains save Mao, Khrushehey underlines Peking's exclusion from the U.N. and perhaps emphasizes the isolation in which Red China would stand if it ever broke with Russia. The sight of Nikita bustling about the U.N. corridors closed to Mao might also be intended to remind Afro-Asians which Communist power can do most for them diplomatically, now that Peking and Moscow are competing around the world for support

The Space Train. At week's end Khrushchev bounced across the Finnish border to Helsinki, ostensibly to celebrate the 60th birthday of Finnish President Urho Kekkonen. As he stepped out of his special train in the Finnish capital, he purred coyly: "I can assure you that my visit has no mysterious purpose. Can visits not be made in a friendly spirit?" Next day he casually remarked that the Soviet Union planned soon to launch "a train" into space. As usual, no one was quite sure how seriously to take him.

CONGO

Long Way to Go Chaos is never absolute. It can always get more chaotic, and last week in the Congo it did.

For Congolese Premier Patrice Lumumba it was a week of humiliation. Lumumba's first setback came from the hands of the 13-nation African "summit" conference he had grandiosely convened in a nondescript Léopoldville auditorium. Lumumba had hoped his brother Africans would promise him military aid and moral support. Instead, delegates from Tunisia, Morocco and the Algerian rebel "government" had a message of their own for Lumumba to hear: they were alarmed by his irresponsible attacks on the United Nations. "Lumumba's childish behavior is damaging all Africans," rasped one North African.

"We Are Obsessed." Furiously, Lumumba's newspaper accused the Africans of cuddling up to U.N. Secretary-General Dag Hammarskjold in return for his promise to help them in the next U.N. debate on the Algerian war. Unmoved, the majority of the African "summiteers" agreed to a resolution urging the Congo to halt further incidents of violence against the U.N. forces, and pointedly recalling that U.N. troops had come "at the express request" of the Congolese government. The resolution expressly commended both Hammarskjold and Ralph Bunche (who last week headed home from the Congo declaring "I am a man of patience, but my patience has worn thin")

At the final summit session, as the resolutions were read. Lumumba fiddled and twitched, then rose to retort that "the incidents never would have taken place if from the first there had been a spirit of cooperation on the U.N.'s part." As if to explain away his troops' attacks on U.N.

AFRICA: Red Weeds Grow in New Soil

In Moscow last week grinning Ghanaian diplomats gleefully celebrated the signing of a \$45 million contract for Soviet development of their nation's mineral and industrial resources. In the Hôtel de France in Guinea's steaming capital of Conakry, the lingua franca of the lobby has shifted from French to Russian. At Léopoldville and Stanleyville in the Congo, Soviet Hyushin transports buzz familiarly in and out, debouching badly needed Jamuna ... jood—plus intelligence officers, tactical advisers for Premier Patrice Lumumba's army and, according to Western intelligence reports, arms and ammunition.

IVE years ago. Russians and Eastern Europeans were a rarity in black Africa, and, though occasional African nationalists turned up in Moscow to study, not one Pravda page in 50 mentioned the continent's name. Last week. everywhere Western diplomats turned. Communist weeds were sprouting in the freshly plowed soil of African nationhood. Guinea's Sékou Touré turned to the East for aid after France responded to his demand for independence by withdrawing everything down to the Government House furniture, Now he has Czechs operating his airports, Poles running his public works and East Germans building him a big new radio station. Ethiopia's proud Haile Selassie is well nigh awash with Soviet and Czech financial credits and, inevitably, with hundreds of Red technicians.

Despite their slow start in Africa, the Soviets moved

swiftly once colonial rule began to crumble. Overnight Russia's rulers created in Moscow a mammoth African research center headed by the Soviet Union's top African expert. Professor Ivan Potekhin. Top Soviet diplomatic talent was rushed to Africa, including Middle East Ace Daniel Solod, who is Moscow's Ambassador to Guinea, and hard-driving Ambassador to Congo Mikhail Yakovlev, whose clever footwork has gained him seemingly unrestricted access to Patrice Lumumba's office. Soviet diplomats have cleared the way for such projects as the African student scheme under which, last week, arrangements were made to send 150 Congolese youths to Moscow's new Friendship University in the autumn, And at least 1,000 African students have already been installed in schools in Moscow, Kiev, Odessa and Leningrad under the crash program begun three years ago.

Guerrillas & Acrobats. Following in the master's footsteps, Russia's European satellites are also hard at work infiltrating Africa in a carefully planned joint campaign coordinated by the East Germans. Since 1958, more than 800 African students and labor leaders have "matriculated" at both ordinary universities and special institutes in Warsaw. Prague, Budapest. Leipzig and East Berlin. Simultaneously, East German trade and cultural missions have been established in Ghana, Guinea, the Sudan. Nigeria, and in the Mali Federation and Cameroon, where Communist parties and Red guerrillas (who had made earlier Moscow pilgrimages) already existed. Within two days after the Congo became independent last June, five East German "trade union" advisers were setting up shop in Léopoldville.

The Red Chinese are on the scene, too: "rice technicians," i.e., coolies, in Guinea, "tea advisers" in Morocco, and such cultural-exchange groups as the troupe of Chinese acrobats that toured Ethiopia, Sudan, Guinea and Morocco for six months this year. In the past 18 months 54 separate African delegations have gotten the Red carpet treatment in Peking. And last week Tunisia's President Habib Bourguiba glumly redicted that Chinese "volunteers" would be fighting alongside Algeria's Moslem rebels in a matter of months.

But Communist effort in Africa by no means assures Communist triumph there. So far, despite all the Red accivity, Communism's only solid foothold on a continent the size of the U.S. China and India combined is in little Guinea, a corner of West Africa no bigger than Oregon. The obstacles ahead are formidable. For one thing, white skin is white skin, as a Russian medical team in the Congo learned last week when it was attacked by natives, who thought the Russians, too, were Belgian, For another, Communism speaks in Africa with two voices, one Chinese, one Russian. The Soviets, keenly aware that Africa's rising leaders and their supporters are mostly middle-class in origin and purely nationalist in philosophy, two weeks ago proclaimed that it was all right for Communists to cooperate "for quite a long time" with bourgeois leaders "in colonial lands. To the Red Chinese, this was "a violation of Lenin's views" and heresy: Peking's program for Africa is to encourage by every means immediate proletarian revolutions patterned after Mao Tse-tung's own rise to power.

From Two, Twelve. A more important barrier to sweeping Communist triumph is the what's-in-it-for-me attitude of the African political leaders, who are not interested in inviting in new outside masters. The Communists may find it as difficult as the West does to come to terms with the fiercely neutralist pattern emerging among Africa's new nations, In the fashion of Nasser, most African leaders seem hopeful of taking aid from both sides while avoiding domination by either. Haile Selassie refuses to spend any of his S100 million Soviet low-interest credits until the harassed Red technicians in Addis Ababa go along with his own development schemes, some of them involving Western participation,

Where neutralism doesn't balk the Communists, Africa's impulse toward fragmentation-a result of Africa's 800 languages and thousands of local and regional loyalties-should rule out a general Red takeover. In 1950, French Africa was two big land areas, their economies interwoven by the civil servants from Paris; today it has split into twelve nations. In former French Equatorial Africa, efforts to hold the pieces together failed because little Gabon refused to share its wealth with its poorer neighbors. Despite spasmodic efforts at federation. Africa seems certain to drift not toward political unity, Red-inspired or otherwise, but toward a kind of South American-style hodgepodge of small states, mainly poor and endlessly squabbling.

The Price of Turmoil. No matter how clever their diplomacy, the Communists could not hope to harness Africa's exploding forces to their will completely. The West has in Africa economic and political stakes that will not be lightly surrendered. What the Soviets could do-and presently seem determined to do-is to prolong and enhance the turmoil in Africa to destroy Western influence there, content to settle for chaos where they cannot control.

RED PLANE LANDING GHANA TROOPS IN CONGO



personnel, he shouted, "We are obsessed with the idea of immediately entering Katanga and liberating our brothers!" Then, waving a wad of yellow "membership cards" in a manner reminiscent of the late Joe McCarthy, he charged that the Belgians had formed a private army to aid Moise Tshombe, Premier of the secessionist Congo province of Katanga.

Honging On, In the swifting Congo, this charge was hard to prove or disprove. But the Belgians did seem to be stilling on their promise to evacuate their troops from the last big airbases they controlled, Including the spacings. Hammarskijold fired off a stiff note to Brussels, virtually accusing the Belgians of lying in assuring him that all their soldiers had left when, in fact, he charged, does re-duced the stilling of the stilling of the stilling has been described by the stilling of the stilling has been described by the stilling of the stilling has been described by the stilling of the stilling has been described by the stilling of the stilling has been described by the stilling of the stilling has been described by the stilling of the stilling has been described by the

Belgian concern over the future of Kamina was understandable. With the dozen or more needy arrived II-14 transports that the Soviets gave him, Lumumba, if he got control of Kamina, would certainly use it as a beachhead for his much-heralded mivasion of Katamea province, in an Irish hattalion and harred all flights from Kamina's runways.

Bodies in Bokwanga, Whether Lumum-

ba has the military capability to conquer Katanga is becoming increasingly uncertain. At week's end the Lumumba

uncertain. At week's end the Lumumba forces assigned to spearhead the Katanga invasion were bogged down in the neighboring province of Kasai in what seemed to be building into a civil war of serious proportions.

Fortnight ago Lumumba's troops had captured without a shot the town of Bakwanga, capital of a would-be autonomous republic called "Mining State." But when they sought to move out of Ba-

kwanga and "pacify" the rest of Mining State, hundreds of fierce Lumumba-hating Baluba tribesmen attacked through the forest, driving the central-government troops back into town. From sources unknown, the anti-Lumumba forces have acquired automatic weapons and mortars. Reports from Bakwanga at week's end told of streets littered with almost 300 bodies. The few remaining whites were said to have taken refuge behind a thin cordon of Tunisian troops at a nearby country club. From Katanga, 600 hastily recruited Mining State irregulars, accompanied by 30 women to do their cooking, were heading south to join the fighting.

First Victim. Lumumba was also having trouble keeping order inside his own government. He slapped one of the Congo's few educated politicians. Puna Party President Jean Balikango, into jail on charges of making secessionist speeches, But even if by such tactics Lumumba succeeded in making himself a dictator in Léopoldville, he still had a long way to go before he could call himself master of his nation. From the lower Congo came word of mutinies among army units discontented with weeks of no pay or supplies. In the boondocks town of Moerbeke, an armed civilian mob set upon U.N. Moroccan troops. Breaching Hammarskiold's no-gunfire rule, the Moroccans opened fire, killing one Congolese-the first U.N.-caused death in the Congo,

JORDAN

Death in Amman

In the dusty streets of the Jordanian capital of Amman, men, camels and motors jostled one another. On the sidewalk, scribes at low desks worde out petitions for illiterate Bedouins bound for the Prime Minister's weekly audience for the public. Then, at midmorning, an explosion rained debris on the terrified town.

In his quarters on the second floor of the Foreign Ministry building, jovial Premier Hazza Majali, 44, one of the West's best friends in the Arab world, was killed instantly by a huge bomb that burst in his desk drawer.

his desk drawer.
At his hilltop palace 15 minutes away, Jordan's young King Hussein got the young King Hussein got they tiltle king at 24, is a veteran survivor of assassination plots, attempted coups, and a four-year feed with Egypt's Gamal Abdel Nasser. At 13, he was standing at his Grandfather Abdullah's side when a Palestinian fanatic shot and killed the old king before a mouge. His first and charten with the control of the property of the control of the waste of the control of the waste of the control of the property of the propert

Collecting the Poy. Not to be denied, Hussein inspected the scene from a hovering helicopter. Then he named his personal Cabinet their Bahjat Tahuni, 49, to tell his people that Majali and the totell his people that Majali and the other dead were "victims of agreesion and stabbing in the back." That afternoon crowds applauded and chered the young King as he rode through Amman, which was the property of the control of the c

Next day Hussein told a press conference that "responsible authorities in the United Arab Republic, mainly in Syria, knew in advance of the plot to assassinate Majali. As long ago as last spring, the Jordanian government accused young Playboy General Ali Abu Nuwar. 38. Hussein's onetime buddy as army chief of staff, of planning Majali's assassination from his exile in Nasser's Damascus. Looking tired and tense, the King said that two minor Iordanian government employees had crossed the border into Syria just before the bombings, and Iordan now demanded that they be sent back. If they were not, he said, Jordan would seek satisfaction in the Arab League or the U.N.

On Vacation. The outrage in Amman brought a quick end to the brief truce that had been established between Hussein and Nasser a week earlier at an Arab League meeting in Lebanon, Iordan police arrested an Amman bookshop owner named Salah el Saffadi, who was said to have confessed that the explosives used to murder Majali had arrived at his bookstall from Syria innocuously labeled 'press material." The two fugitive emplovees had dragged the bombs into the office building in suitcases the night before and set the fuses. One left the country by midnight. The other, said police, coolly collected his monthly paycheck at 8:30 a.m. before departing for what he said was his "vacation.

Once again the Middle Eastern air was filled with angry Arab rhetoric. Radio Amman cried that Damascus is "the den of all conspiracies," and Cairo's Voice of the Arabs countered that "Majalis' death is not the end but the beginning. Heads of treason will fall one by one."



Hussein & Majali (relaxing in desert tent)
A veteran survivor lost a brother.

IRAN

Reformer in Shako

(See Cover)

At fever pitch, the crowd plunged through Teheran's vaulted bazaar, making its way past brilliant stacks of rugs, past squatting tinsmiths and hanging ranks of newly slain lambs and, at last, down a labyrinthine alley to the home of Avatollah Mohammed Behbehani, Teheran's most powerful religious leader. In Ayatollah Mohammed's great walled garden. a white-turbaned mullah shouted over a microphone: "All elections must be can-" The crowd roared back: "We agree! We agree!" White-robed and heavily bearded, bent by his oo years. Avatollah Mohammed shuffled slowly across the garden on the arms of two aides. "Shall we shut down the bazaar?" shouted the crowd. "Wait." answered Ayato!lah Mohammed.

In his suburban palace north of Teheran, Shah Mohammed Reza Pahlevi, occupant of Iran's jeweled Peacock Throne, listened to the somber reports of his people's wrath. The blatant rigging of Iran's latest parliamentary elections was too much. and the Shah had to act. Scarcely had the roar of the mob in Ayatollah Mohammed's garden died away when the Shah last week accepted the resignation of Premier Manouchehr Eghbal, whose conservative Nationalist Party had just scored an unbelievably lopsided election victory, Three days later, with the crowd still unappeased, the Shah made a more drastic concession. "It seems." he proclaimed. "that the interest of the nation requires the mass resignation of all Deputies in order that new elections may take place." Dutifully, the newly elected members of Iran's 200-man Majlis fell in line, renounced their seats.

Trouble is nothing new in Iran—or for Mohammed Reaz Palhevi. In his 19 years on the throne, Iran's Shah has been shot once, chased into exile once, and has seen conce, chased into exile once, and has seen shot of the control of the

can to topple the Shah. With its warm-water ports on the Persian Gulf. Iran has been a target of Russian imperialism since the days of Peter the Great. Its attraction for the Communists in the Kremlin is even greater than it ever was for the Czars. The world's fourth largest exporter of oil. Iran, as a member of CENTO (formerly the Baghdad Pact), is an essential link in the defensive tier along Russia's southern border. The U.S. has poured more than \$800 million into Iran since World War II. By bringing Iran under its influence, Russia would knock out the last anti-Communist alliance in the vast area between Western Europe and the Far East, and would acquire a land bridge to the troubled Arab world. Should the Shah lose his fight for his dynasty and his nation, the Soviets would at last be free to dominate the

Middle East.

Straight from Persepolis. The man who stands between the West and such an alarming prospect is one of the few remaining monarchs who is more than merely decorative. At 41. Mohammed Reaz Pahlevi, Shahanshah (King of Kings) of Iran. is undisputed hoss of his nation. His Imperial Majesty is above everything." a Teheran newspaper recently explained to He raeders. "Constitutionally, palmed to the raeders. "Constitutionally, men and the proposed of the raeders and the proposed to the sees fit. He can also dissolve parliament if he so chooses. He decides on

of armored cars, marched in, and kicked the priest in the stomach.

From the time Mohammed was a tod-

dler, the old Shah paraded him about in gold-incrused uniforms complete with shako, preaching dreams of dynasty and a rejuvenated Iran, "What is the use of leading a life of shame?" Shah Mohammed says today, recalling his father's struggles. Our army was composed of a number of woodcuters and eag sellers, anumber of woodcuters and eag sellers, anumber of woodcuters and eag sellers, or the struggles. Our army was composed of one of the self-grant of the self-

To prepare young Mohammed for power, Reza Shah relentlessly pushed him into



THE SHAH AT BANQUET FOR ORPHANS
A benevolent autocrat with classic problems.

which projects his country needs, bills that should be presented for passage by the legislature, and on the conduct generally of home and foreign policy." A trim, broad-shouldered man, the

shah mile unbandbanderer final, mel sambal bandbanderer final, mel sambal samba

Everyone Rises. The Shah's father, known to his subject as Reaz Shah, was an old-style, absolute monarch who rose from noncom to colonel to King, overthrowing Iran's slack-chinned, 130-yearold Qajar dynasty by force of arms. A wiry, hot-tempered martinet, the old Shah set out to manhandie Iran into the moderm world, and he did not mind machineguming obstreprous peasants to do it. gramming the control of the property of the iman criticized the Queen for not wearing one, roared up to the mosque in a convox the "manly sports," in 1031 abruptly packed him of (labourd a Russian cruiser) to La Rossée school in Switzerland. A U.S. schoolmate results that the experience was something of a shock all around. Striding announced: "When I enter a room, everyone rises," His fellow students merely stared at him in polite amazement. In time, Mohammed won a kind of plebiscite tain of the school soccer team.

Bock to Borrocks. When Mohammed finally returned home, an attractive, smiling young man smartly clad in European clothes. Rea Shah took one disgusted clothes. Rea Shah took one disgusted gone. Mohammed went back to following Reas Shah to reviews and parades, and in 1930 just as obediently trekked off to Egypt and brought back the bride his fast, sister of King Farouk.

In wartime 1941 Britain and the Soviet Union, seeking a supply bridge, suddenly occupied Iran, dividing it in two. Only then did Mohammed escape his father's shadow. Suspecting the old Shah of German sympathies, the Allies shipped him off to bitter exile in South Africa (where he died in 1944) and propped 21-year-old Mohammed on the Peacock Throne. When Roosevelt, Churchill and Stalin chose Teheran as the site of their 1943 meeting. they did not even bother to let Mohammed know they were coming.

On the Way. The Shah finally got his country back in 1946 and boldly sent troops into Azerbaijan. Iran's northernmost province, to throw out a puppet regime the Soviets had left behind, Three years later, he came within a hair's breadth of death at the hands of a leftist fanatic who opened fire with a pistol as the Shah was handing out diplomas at Teheran University. Three shots drilled the Shah's hat, another creased his lip last year, after his companions had searched far and wide for someone who met the royal standards, the Shah struck up a third match with 21-year-old Farah Diba, a pert Iranian art student in Paris who, after royal treatment by Dior, Revillon and Carita, easily equaled his first two wives in comely poise. Soon after their marriage, Farah Diba announced that a child was on the way. On the assumption that the baby will be the long-awaited heir, the Shah reportedly has already decided to name him Cyrus-after ancient Persia's Cyrus the Great. The baby is due in late October, and the Shah plans gala celebrations early next year for the 2,500th anniversary of Cyrus' empire. ing country that would stretch from Spain to Poland and from England to Italy, Iran is mostly arid plateau, where even under maximum irrigation a full 50% of the land would remain near-desert. Iranians all agree that life would be hopeless without the mountains: the Elburz range breaking the frosty blasts from the Russian north, the Zagros range towering over the Iraqi border to the east. On the mountain slopes the inhabitants of Iran's jampacked cities find their vacation ground, and the migrant tribes their winter herding. More important, the snow-capped peaks send down the trickle of water that keeps the valley towns alive,

Some of Iran's barrenness stems from its history. Ever since the decline of the ancient Persian empire.* it has been a crossroads nation-sacked bloodily by Alexander, Genghis Khan and Tamerlane. (One of Persia's last forays as conqueror was a 1739 raid on India, when troops pilfered from Delhi the emerald-incrusted throne on which the Shah now sits on ceremonial occasions.) Centuries ago, the average Persian retreated to his ridgelocked valley, where the keeper of the ritual hot baths still gets a cut of the villagers' crops, and where slim youths still build and maintain the tiled-roofed qanats that tunnel water as far as 40 miles from the nearest mountain well. Even yet, the Iranian economy remains primitive enough that a whole family can make a living off a single walnut tree. In the rug shops of Tabriz, tiny children work at the looms all day for 20¢ or less. And the country's exports remain highly selective: choice caviar from the lightly salted Caspian Sea, sheep intestine for sausage casing, 300 tons of dried rose petals-and

350 million barrels of oil a year. Reassuring Words, Even the oil-which Britain's Anglo-Persian Co. first began to exploit in 1900-long brought little to Iran but a more flagrant gap between

rich and poor. The man who capitalized on the oilbrought discontent is still widely revered in Iran, Mohammed Mossadegh, a wealthy landowner, started with no coherent platform except blind xenophobia and the understandable conviction that the British payment of four gold shillings a ton, plus a sum equal to about 20% of company dividends, was far too little for the right to exploit Iran's major resource. In 29 swirling months beginning in 1951. Mossadegh parlayed these prejudices into the premiership of Iran. When the Shah tried to curb him, worried both by Mossadegh's street popularity and the fact that his defiant policies threatened to land Iran in bankruptcy, the weepy little Premier turned to the Communist-led city mob and, in effect, replaced his royal master as ruler of Iran.



and right cheek and, as he dived to the ground, a fifth hit him in the left shoulder. Bodyguards riddled the would-be assassin, and the Shah next day grimly returned from the hospital to the throne, declaring: "My will is unrelenting.

He had not only political problems but domestic ones. Though his father sired four daughters and seven sons, the Shah still has no male heir to his throne. In 1948, after she had borne him one daughter, he divorced Egypt's Fawzia and three years later married the handsome half-German, half-Iranian Sorava, Despite Soraya's famed fiery temper, it was with regret that the Shah divorced her in 1958, apparently convinced that she was barren -a charge that makes Soraya angry.

For a time the Shah retired to the company of other women, the glow of fine French champagne and the stimulus of high-stakes poker games with cronies at Saadabad Palace, where he glumly lost a reported 10 million rials (\$130,000). Late which once stretched from the Indus to the shores of Greece.

Dry Domain. Like his father, the Shah longs to impart grandeur to his dynasty. But he has another objective more realistic and admirable: to convert Iran into a healthy and stable modern nation. It has an awfully long way to go. Still vivid in the Shah's mind is the reaction of Iran's comfort-loving old-line politicians when he first confided his goal to them in 1942. "Sixteen Majlis Deputies," he recalls, "met with me in one of the rooms of this palace to confer about political affairs of the day. I told them that we must establish social justice in this country and added. 'It is not fair that a number of people should be at a loss what to do with their wealth, while a number die of hunger.' Next day they said, 'The Shah has developed revolutionary ideas.

In many ways Iran is a brown, unpromising ground for an economic and social revolution, 20th century style. A sprawl* The nation changed its name officially in 1935 from Persia to Iran, a variation of the word Aryan, one of its principal peoples. This was its Semitic neighbors. Though Moslem, Iran is Nasser-sponsored troubles that have rocked the

The Shah bided his time until August 1953, then gave his backstairs blessing to a coup against Mossadegh. The first reports to reach the Shah at a Caspian resort were that the coup had failed. At the controls of his own twin-engined Beechcraft D18S, the Shah fled Iran accompanied only by Soraya, the royal gamekeeper and Air Force Colonel Mohammed Khatemi (now commanding general of the Iranian Air Force and husband of the Shah's sister, Princess Fatemeh). Six days later, after holing up in Rome (where Allen Dulles. boss of the U.S. Central Intelligence Agency, just happened to be vacationing). the Shah realized that the coup was a success and flew home to a tumultuous welcome in Teheran.

Atonement, Perhaps as partial atonement for his flight, the Shah subsequently married his daughter, Princess Shahnaz, to the son of the general who led the coup, As a more permanent atonement, the Shah has tried conscientiously ever since to provide Iran, against uphill odds, with the prerequisites of stability.

It required stout nerves in this young ruler to defy the bluff and threat of his northern neighbor. Sometimes the Shah. envious of the way the great powers wooed the neutralist Nasser, complained that he was not getting enough Western help. In one dangerous foray into the perilous waters of neutralism, the Shah, despite Iran's membership in the Baghdad Pact, made a red-carpet tour of Moscow and later dangled in front of the Kremlin the hint that he might be willing to sign a nonaggression treaty. Last year he abruptly called the whole deal off. Ever since, the Russians have ranked him with West Germany's Konrad Adenauer as a specially loathsome "cold-war criminal, Powerful Persian-language stations in Stalinabad, Baku, Tashkent and Yerevan blast away at him daily, "Such puppets as Mohammed Reza Shah ought to be



Booming Teheran
Only a few years ago, camels and donkeys; now, 100,000 autos.

dumped in the garbage bin. The regime must be overthrown." proclaimed the sesf-styled "National Voice of Iran" from near Soviet Baku last week. At the infrequent wattle villages along Iran's bleak, mine-infested 1,000-mile frontier with Russia, batteries of Soviet loudspeakers steadily blare out anti-Shah propaganda.

The ceaseless attacks from Moscowrepeated in whispers in every Iranian bazara—make it all the more imperative for the Shah's reforms to succeed. Heart of his program is a seven-year economicdevelopment scheme called Operation Plan, backed both by U.S. aid and the revenues from Iran's oil—which is now produced and marketed by a four-nation (Britain, U.S., France, The Vetherlands), consortium in partnership with the Iranian government. Virtually the only Iranian government agency bossed by bright young men. Operation Plan will have spent \$1.2 billion by the time it is officially due to wind up in 1965. It has already done much to change the somber face of Iran.

Teheran streets, which only a few years ago were the preserve of donkeys and camels, today are clogged by 100,000 automobiles. On the northern outskirts of the city, show-place villas, some with kidney-shaped swimming pools and lush green lawns as trim as pile carpets, dot the cool foothills of 18,600-ft. Mount Demayend ("Bride of the Gods"), Cement mixers growl at the sites of a new 20-story hotel and the nearly finished 15-story headquarters of the National Iranian Oil Co. Auditoriums, stadiums and university buildings add relieving notes to what was once peripheral wasteland. A jeep assembly plant spews out new models, soon to be shod by an Iranian Goodrich factory.

Nor is growth confined to Teheran, an unhandsome city.* At Azna, near unexploited iron-ore deposits, work is soon to start on that final modern symbol of sovereignty, a \$165 million steel plant to be built by a combine including West Germany's Krupp. In the southern city of Shiraz, where a new hotel is going up. a natural-gas pipeline is burrowing into town to provide cheap fuel both for domestic use and the burgeoning textile industry. Most ambitious project of all is a land-reclamation scheme in southwest Khuzistan province, near the rich oilfields on the Persian Gulf, where a corporation bossed by former TVA Chief David Lil-



CHILD LABOR IN A TABRIZ RUG FACTORY In the drive toward the future, hobbles made in the past.

Far more beautiful: the ancient tiled mosque city of Isfahan to the south, which in the 16th century reign of Shah Abbas was a greater city than Elizabethan London. ienthal is building a 620-ft, dam across the Abi-Diz River to furnish power and irrigation to 160 villages scattered over 375,000 acres. Lilienthal hopes to restore the arid province to the fertility it enjoyed in the days when, as he is fond of noting. "the horses on the friezes of Persepolis were fattened on Khuzistan grain."

The Shadow of Nuri Said, In making over his country, the Shah has not hesitated to spend his own private fortune as freely as public funds. In the past nine years, he has distributed 350,000 acres of crown land to the peasants who till it. using the low, interest-free payments for the plots to finance seed, fertilizer and machinery costs for the new owners. And this is only the beginning: the Shah's aides have stern orders to cut through red tape and give away within 18 months the rest of the 1.400.000 acres that old Reza Shah so lustily acquired only a generation ago. With the \$6,000,000 annual income of his Pahlevi Foundation, the Shah supports projects ranging from 40 orphanages to the education of Iranian students abroad and winter fuel for needy farmers.

Too much of Iran's money has stuck on hands along the way. Too much more of it has gone into what technicians call infrastructure, the little noticed underpinnings such as roads and education (since 1953, school enrollment in Iran has been boosted from 427,000 to 1,381,000) on which a modern economy is raised. The Shah's admirers, though conceding that this makes economic sense, cannot quite shake off the ominous shadow of Iraq's late Strongman Nuri as-Said, who built the finest infrastructure in the Middle East and lost his head in a bloody revolution. Even the enthusiastic Lilienthal admits that irrigating Khuzistan may take "a generation." The question is whether the Shah can count on his miserable people forbearing that long. Occupation Complex, History has left

some psychological scars on the Shah's 20 million subjects. After centuries of conquest. Iran has a kind of occupation complex, vividly exemplified by a tenet of its Shi'ite sect of Islam, which holds that a man may legitimately disavow his religion in time of danger. "Deep in the Iranian mind," says one Middle East expert. "lies the conviction that nothing ever happens in Iran except by the desire of a foreign power." Many of the middleclass Teheran intellectuals and businessmen who most heatedly denounced the ered to vote, Scoffed one educated Teherani: "That's for coolies." They also knew outdoing each other in pledged subservience to the Shah, And what hangs most at court as well as in business life, is the by the Persian saving: rank be a tree without fruit."

Despite the Shah's best intentions, a shocking percentage of Iran's economicdevelopment money turns into "fruit"



THE SHAH & BRIDE

distributed at every level of officialdom. One foreign entrepreneur, after striking a bargain for some surplus airplane parts originally given to the Iranian Air Force by the U.S., resignedly paid off the colonels concerned only to have his loaded trucks held up at the gate by a young captain of the guard who inquired with pointed effect, "Don't you think captains are as good as colonels?" "They aren't even subtle about it," says one prosperous contractor. "We all regard it as merely part of the deal. Frequently, we negotiate to come to terms. But dealing with royalty, for example, remains pretty much of a command performance. Most notable of Iran's royal tycoons: the Shah's twin sister. Princess Ashraf, who has already made two husbands wealthy.

Sporadically fired with determination to stamp out dishonesty in government, the Shah has fired 4,000 bureaucrats for corruption within a year, not long ago



Princess Ashraf at Cannes Royalty is commanding.

arrested 150 army officers on the same charge and put several colonels in jail. Corruption is in the air; but it also exists because the hard-working Shah tries to run the government all by himself, His few trusted aides are mostly officers of Iran's 200,000-man army, which he relies on to keep him in power and hence pampers. As a result, generals abound, and every other automobile in Teheran seems to bear the yellow and white plates that denote an army car. Among civilian officials, the Shah depends on retainers like Eghbal, who once told the Mailis: "I am complaints. You may say whatever you like-I do not care. I do not depend on your votes. The Shahanshah ordered me to serve, and I am his servant.

The Ill-Served Prince, Such faithful service is more apt to be fawning than effective or reliable. Last month, on a visit of the Abadan refineries on the Persian Gulf. Farsh Diba demanded to see worker's homes and, when she had, burst into tears. Solicitously, the official who was guiding her asked "to be fallowed" to make a contribution to the families on the block. Ostentatiously, he collected the block obsentations of the collected as Farsh Diba drove away, tore up the list and tossed it into the gutter.

The cost of that kind of officialdom could be seen in the recent elections. The Shah originally intended the elections as awy of cleaning out some of parliament's more notorious ravails. He personally appears the personally appears to the personal properties of the personal properties of the personal properties of the personal properties that the personal seems to have hoped for a fair fight. But when a few independent candidates launched lively and "Astionalist campaigns, Premier Eghbal and his cronies

The resulting fraud was too blatant to be disquised. Cycling rapidly past a polling booth in downtown Teheran, one citizen let fall a pouch full of documents that included ap personal-identity cards to be used in fraudulent voting. When the government ticket in one rural district seemed sure to lose, election officials simply stayed home "ill."

The Perils of Ambition, By some Western diplomats, the Shah is rated as "the most intelligent ruler in the Middle East"-and he showed his sensitivity to his country's mood by his quick reaction last week to the election scandal. But whether he has done enough is less clear, The caretaker Premier he chose to replace the hapless Eghbal, ex-Minister of Mines an honest but uninspiring choice. His Cabinet gave no voice to the independent feeling that ran so high during the elections. More disturbing are the indications that the Shah, in a moment of peril, is veering back toward the dangerous game of trying to pacify the Russians. As one of his first official acts, Sharif-Imami ended the anti-Soviet radio broadcasts with which Iran has countered the Russian diatribes. In response to a planted pressconference question on the possibilities of

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KENTUCKY STRAIGHT BOURBON WHISKEY GLENMORE DISTILLERIES COMPANY "Where Perfection of Product is Tradition" LOUISVILLE, KENTUCKY, \$\infty\$ 1960 a "new phase" in Soviet-Iranian relations, the Shah pointedly declared that Iran's foreign policy is based on "membership in the United Nations and friendship for all neighbors."

Like all great tasks, the one which Mohammed Reza Palhei has set for himself involves great hazards. He has committed himself not just to a holding action for feudalism but to the evolution of a modern state. Sooner or later, the Fahn must evolution of a moddinates to whom he can delegate authority and must create responsible institutions to close the gap between the court and the people. For a last week's election fiasco showed. Iran can no longer be governed orders, Let them be carried out?

INDIA Let Somebody Else Do It

When the U.N. General Assembly meets next fortnight, India—for the first time in five years—will not be out front leading the annual fight to admit Red China.

In the Indian Parliament last week,
Mrs. Lakshmi Menon. Deputy Minister
for External Affairs. explained that though
the Nebrug overmment "continues to be
of the opinion that China should be
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self-separated in the U.N., it "has
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Eve-Teasing

Independent India is discovering social problems undersamed of in Mahtama Gandhi's philosophy. As the caste system and the traditional Hindu family begin to crumble, the lurrier between the sexes in its used to be. Last week in Agra—where India's two most famous lovers, the Mosel Emperor Shah Jehan and his queen, lie buried under the Taj Mahal—the Inseminar about a new kind of problem; the sidewalk dalliance that Indian youth calls "Eve-tessing."

"The minds of today's young men are a madhouse," wailed Chief Minister Sampurnanand of Uttar Pradesh, one of India's foremost amateur astrologers. No longer, he complained, can "every young woman walk the streets with the confidence that every young man she meets will be as a brother to her." An indignant college professor joined in. "Individually as well as in groups," he complained, as well as in groups," he complained, as well as in groups, and the complained or yolosks." And the codes? "Bearing and dress publicly shout at you; "Come and look at me."

50 Screams. Some of the assembled savants were inclined to blame the new looseness on the movies ("That unmitigated evil") and cigarette smoking: "It is a biological fact that habitual smoking stimulates the oral erotic zone and the mind starts wandering." One speaker de-

scribed a survey he had made indicating that 36,0% of India's people suffer from boredom, 40,7% from blighted hopes, 26,7% from emotional depression, 6,4% from sexual frustration, 49,0% from polluted and unwholesome atmosphere."

polluted and unwholesome atmosphere." A girl from New Delhi won the biggest cheer of the day with her complaint that "it's not her age, her beauty or her other qualifications" that win a young woman a job, "but just how far she is prepared to accommodate her boss."

But even if her boss doesn't bother her, agreed the assemblage, an Indian girl's modesty in the big city is under constant assault nowadays—if only visually and verbally. "We get 50 screams for help every week from girls whom men havior. All but lost in the righteous furor was the quietly reasonable voice of one male student. "Tell me," he asked, "is there any country in the world where the boys do not indulge in this game?"

LAOS

Balancing Act

Along with other habits picked up from their former French masters, the men who rule Laos seem to like to make frequent and complex changes of government. Last week, nearly a month after Parattroop Captain Kong Le forcibly overthrew a pro-Western Cabinet (TIME, Aug. 22 et seq.). Laos once again had a new government—one so complex that even



"Is there any country where boys do not indulge in this game?"

are trying to pick up." says a Bombay cop. Last week 17 teen-agers were round-ed up in Allahabad for talking to girls in the street, though 14 were merely reprimanded and sent home. In Lucknow, one harried police inspector prefers more direct action: "I just take them to the lockup and thrash them."

Compus Eye-Openers, Inevitably, one pale male at last week's seminar countered with a charge of Adam-teasing, Complaining of the girl's gazy saris, low-cut cholis (blouses) and filmsy salvar (trousers), a student cried. "There is al-transparent to the contract of the co

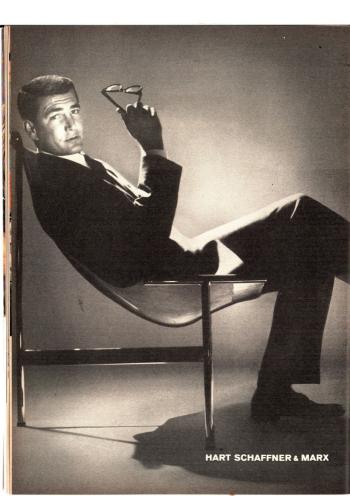
After all the charges and countercharges had been debated, the seminar wound up earnestly deploring "a loss of respect for women among young men," and calling on students to form "squads to apprehend and check" disrespectful be-

its members were not sure what its policies were.

To avert a threatened civil war between Kong Le and those who opposed his coup. King Savang Vatthana accepted as the control of the control of the couples of the couples of the couples of the couples Phouma. As his part of the bargain, Prince Souvanna turned around and named as his Interior Minister General Phoumi Nama, leader of the autic Kong Le Nama to the couples of the couples of the happy with the arrangement, at least for the moment.

CAMBODIA The Neutral Harvest

Of all Southeast Asia's neutralists, none has made the art pay better than Cambodia's unpredictable chief of state, Prince Norodom Sihamous, §7. Since 1055 Silastone from the U.S., \$22 million from France, \$23 million from Red China, and perhaps \$12 million from Red China, and perhaps \$12 million from Roussia, To keep himself from being compromised. Shanoula, after the prince of the prince o



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than any other fine label in the world. display of diplomatic virtuosity, Sihanouk unveiled a second rule of aidmanship: always bite the hand that feeds you.

and own from the control of the cont

3. All this must have golded beeven-sent to Moscow. Outside the Cambodin capital of Pnompenh a team of Russian engineers, working with 1,500 coolies, two and a half years ago began to build a 500-bed "Soviet-Rhmer Friendship Hospital," matching anything in Moscow itself. Staffed by 18 Russian doctors and medical technicians—Cambodia itself has only a handrul of native M.D.s and medical technicians—Cambodia test has only a handrul of native M.D.s are all the standard of the property of the

On to Paris, Last week, with the hospital finally finished, a clutch of Russian dignitaries headed by Soviet Health Minister S. V. Kurashov showed up in Pnompenh for the dedication ceremonies. Plainly aware that only a week earlier Sihanouk had jailed 16 top Cambodian Communists for "working in liaison with foreigners," Minister Kurashov tried to play it cool. As a Cambodian army band emphasized its neutrality by alternating U.S. jazz with Russian lullabies, Kurashov brought Nikita Khrushchev's personal assurances that "the Soviet Union never interferes in the internal affairs of other nations. We are your true and trusted friend in your fight against imperialistic intrigues

When Kurashov had finished, Sihanouk rose with a bland smile to thank the Russians for their generous gift. Then, still smiling, he added pointedly: "Cambodia is prepared to accept aid from any nation. But this does not give the donor the right to meddle in our affairs." Then, ignoring all the fine new hospital facilities before him, Prince Sihanouk set off for Paris—for medical treatment.

SOUTH AFRICA R for Republiek

Not regulation to the prime Minister Henoffic Frements revoed ordered a nationwide referendum (whites only) to convert South Africa into a republic. He, like almost everyone else, expected a majority of South African voters on Oct. 5 to endorse his plans to depose Queen Elizabeth II as ittular chef of state. But last week, as the proposed of the proposed of the control of the proposed of the proposed probabilism lag (with an R for Republich in place of the Union Jack), his chances of win-



Russia's Kurashov with Sihanouk
Woe to all wooers.

ning a solid victory in the referendum were looking much less bright.

The opposition United Party, which speaks primarily for South Africa's 1.3 million English-speaking citizens, was campaigning vigorously against the re-public, plastering walls and posts with hundreds of thousands of placards simply inscribed "no." But Verwoerd's main worry is the threat of widespread defections among his own 1.7 million Afrikaners, many of whom showed signs of losing enthusiasm for their long-proclaimed desire to break South Africa's ties with the British crown. In Johannesburg the Rand Daily Mail's poll of 100 people named Van der Merwe (the Afrikaner equivalent of Jones or Smith) found only 33 in favor of a republic, 20 opposed and the rest undecided

Economic troubles have something to do with Afrikaner hesitation. The Sharpeville massacre of 72 South African blacks last March and the international revulsion that followed sent shares on the Johannesburg Stock Exchange plummeting \$1.2 billion as foreign investors withdrew their money. Afrikaner farmers and businessmen are feeling the pinch of the \$23 million in exports that South Africa is expected to lose this year as a result of the boycott of South African goods by Ghana, Malaya, the West Indies and others. And all South African businessmen are haunted by the fear that if Verwoerd proclaims a republic, other Commonwealth members may reject South Africa's request to remain, nonetheless, within the Commonwealth and its preferential tariff

system.

To offset these painful economic considerations, Verwoerd last week pulled out some political stops. He called an end to the state of emergency under which South Africans have lived since Sharpeville, re-



Stewardess: Mile. Constance Trembiay, Lasaire, Que

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leased thousands of political prisoners who have been held without charge. To ensure plenty of scary headlines on the eve of the referendum, Sept., 12 was set for the trial of David Pratt, the English was set of the trial of David Pratt, the English wounded Verword in April. In the back country. Nationalist campaigners are warning voters that there will be ways to tell who voted against the republic. And Verwoord himself has blumby stated that he intends to make South Africa a Double Oct., Schmitter what hispens at the politic of the problem of the politic politic politic politics.

EAST GERMANY

Jet A

Like so many German scientists, Endineer Manfred Gerlach, 52, came out of the wreckage of Hitler's Reich better oil than ever. When the Russina ramies overran East Germany in 1943, Gerlach was off of Russis to reach tricks of the trade to Russis's aircraft designers. Returned to Communits East Germany in 1954, he was put in charge of a plant to develop engines for the Bil-12a. the jet artifure Carmany's new aircraft industry. The job was foll of the property of the polywas foll of person and pressign.

It was a project dear to the heart (such as it is) of East Germany's Communist Boss Walter Ulbricht, Ulbricht poured an estimated 86 million into a vast complex of plants around Droeden, assigned manay's Communists tut-futted at West Germany for buying its affiners abroad and Nears Doutschiad boasted that the IB-152—a stubby four-engine turbojet designed to travely comp.h. and land safely on only 3,300 ft, of runnay—would of international commercial aviation."

Unfortunately, Ulbricht & Co. were in too big a hurry to get out front. When Nikita Khrushchev dropped in at the Leping Trade Fair in the spring of 1958. a life-steed meck-up of the Bib-12; was could contain humel fun longer. Over the protests of his engineers, who insisted the plane needed significant changes in fuse-lage and engine design. Ulbricht ordered the first prototype BB-12; into the air. Minutes after it took off, the jettliner crashed into a hillofe, killing its four crashed into a hillofe, killing its four

crew members. Such a failure was no mere disaster: it had to be a crime. Last week, after eleven months in prison, Engineer Manfred Gerlach was brought into a Dresden court and charged with sabotaging development of the BB-152's engines by issuing "false instructions." He had been working for the West German intelligence all along, the prosecution said, and to prove the point brought to the stand his wife and 26-year-old daughter, who dutifully testified that Gerlach had repeatedly declared that "one must damage the state wherever possible." Gerlach was hustled off to life imprisonment. The great BB-152 has yet to get off the ground.



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THE HEMISPHERE

THE AMERICAS Coming to Grips

Seven days after the end of the Organization of American States meeting in Costa Rica, the U.S. this week goes to a hemispheric Committee of 21 development conference in Colombia. It is a logical progression from symptom to cause. The symptom is the wide emotional response in Latin America to the non-trums proposed by Fidel Castro; the contraction of th

These are the conditions that give Fidel Castro and his vision of a utopia a popular audience all over Latin America:

¶ With 20 million more people than the U.S., the Latin American nations have combined gross national products of only about one-eighth the U.S.'s. Latin American population keeps rising at a fast 2.6% annually, which pushes the per capita share of G.N.P. down—from a fat 4.1% increase in 1957 to a slim .3% in 1950.

Though it produces and exports more goods than ever, Latin America's income from foreign trade is dropping. The prices of what it sells (coffee, farm products, petroleum, minerals) are falling; the prices of what it buys (industrial mathinery, tractors, cars) are rising steadily. ¶ Foreign private investment—as lately as five years ago the Latin American area was the No. 1 beneficiary—is falling fast. Capital from U.S. Government sources has also been decreasing. In 1959, the Export-Import Bank of Washington collected far more in repayments and interest from the region than it laid out in new money.

Lotin America's Job. The development of Latin America is basically Latin America's job, and the Latin Americans know it. Says Rio's Correio da Manhā; we are far from doing the most possible for ourselves. We flee with horror from fundamental problems." Latin America could:

¶ Raise income taxes and crack down on its flagrant tax-dodging (and in the case of three smaller nations, enact so far neglected personal income-tax laws). Bringing collections up to U.S. stands would produce an extra \$2 billion a year for development.

¶ Stabilize itself politically to encourage investing at home: "flight capital" to the U.S. and Europe in the last ten years comes to \$1.5 billion.

¶ Cut away trade barriers that brake international trade, and incidentally, in the process, mow down parasitic bureaucrats by the thousands.

Yet these measures will not bring prosperity to Latin America, for they are all limited by the fact that the whole money pot, the combined gross national product, is only \$60 billion compared with the U.S.'s \$505 billion. Neither sufficient taxes nor sufficient investment capital can be sweated out of such a small sum. A big share of the desperately needed roads, schools, houses, hospitals and industrial plant will have to be built with

money from abroad.

The U.S. Job. This week the U.S. delegation to Bogotá will offer its first installment on the solution: the \$500 million Eisenhower plan voted by Conmillion Eisenhower plan voted by Conmillion Eisenhower plan toted by Conmillion Eisenhower plan toted by Commillion Eisenhower plan toted by Commillion Eisenhower plan voted to the sum is small. It is less than the sum is small. It is less than the control of the safety is the sum of the safety is the safety of the safety is the safety of the safety is the safety in the safety in the safety is the safety in the safety



UNDER SECRETARY DILLON
The choices: help or indefinite hunger.

from the region for repayment to the Export-Import Bank Brazil's chief delegate to the Bogotá meeting, Augusto Frederico Schmidi, author of Brazil's Operation Pan American, which asks \$10 billion in 20 years of aid to the region's economy, says that the U.S. proposal is "very kind, very generous," but it is "very kind, very generous," but it on the spur of the moment under the pressure of the Cuban crisis."

The Eisenhower plan is deliberately aimed at producing quick, visible results, such as low-cost housing. It does not tackle the hard, basic job of building an industrial economy that will routinely produce good-paying jobs and good housing. Doing that job, says Under Secretary includes the produce good-paying jobs and good housing. Doing that job, says Under Secretary chief at Bogods, and a thoughtful banker with a refreshing disdain for diplomatic cant, may easily cost \$r\$ online.

After years of platitudes about the Good Partner Policy, designed to let the U.S. off cheaply, Washington seemed finally to be coming to grips with its neighbors' problems. The U.S. choices seem to be only two: give Latin America help, Marshall-Plan style, or see the area hunger perilously and indefinitely.

CUBA

Fidel's Answer

Fidel Castro could have pretended to ignore the anti-Cuban resolution written in Costa Rica by OAS diplomats, because it did not specify Cuba by mane. Instead he chose to strike his favorite defiant, heroic pose and staged a whirwind week of speeches, each more frenzied and more sinister than the last. The climax was a massive demagogie stunt: an invitation to all Cubans (who have no representative government) to take part in a "People's Assembly' in Harana's Civic Plaza, where, Assembly in Harana's Civic Plaza, where terror, they could not proposed mean measure approach of proposed new measures approach of proposed new measures.

At noonday all Havana closed down, Supporters were trucked in from the countryside to join Habaneros who were given a half-holiday for a "Date with the Fatherland." After the standard delay, during which the crowd of 300,000 sharpened its appetite by shouting "Fidel, give it to the Vankees." Castro arrived. He shouted to the mob, which he called "this free and sovereign assembly," that "no nation of Latin America has dared to have diplomatic relations with the Popular Republic of [Communist] China, The Revolutionary Government wishes to ask the people if it wants to establish relations. chant rose: "Si, si, si." Said Castro: "We herewith break relations with the puppet regime of Chiang Kai-shek.'

Clapping a floppy peasant straw hat on his head. Castro made a pass at the U.S. naval base at Guantánamo, saying that if the U.S. continues trying to "ruin our economy we will demand withdrawal of their forces," But he added that since the "double dealing" State Department was looking for "a pretext to bloody our homeland" his government "will never attack the base," In the wake of Cuba's newest seizures of U.S. property, including the 13-store, \$5,000,000 Minimax supermarket chain and three rubber plants worth \$25 million under way. Castro announced that the remaining U.S. holdings (valued at \$275 million) would be held in reserve for expropriation in case of "future U.S. economic aggression.

For a climax, Castro held up a copy of the rigos (Unba.U.S. Mutual Defense Treaty. He roared that "by the sovereign will of the Culban people, this treaty is anapproval, he tore it up. For good measure he ripped in two a copy of the week-old Costa Rican declaration. From Russia came support. Salf Foreign Minister Andrei Gromyko: "The Soviet people are drei Gromyko: "The Soviet people are the Culban people are waging."



SALVADOR
The bay of all saints—and of almost all sins.

BRAZIL

Utopian Pauper Four centuries ago, subequatorial Salva-

dor was the capital of all Brazil and the hauphiest, gaudiest citadel of Portuguese wealth and power in the New World. Since them Salvador's fortunes have ebbed away, of the fabulous State of Bahia, on Brazil's coast just south of the bulge, has about it the aura of a sunset prettifying a corper. Its boroque façade of garded towers, sleepy parks, blue-tiled courty-aros detropped to the properties of the properties of the The historic booms of rubber and coffee

The historic booms of rubber and context that enriched other Brazilian states by-passed Bahia. The federal government scandalously neglected it. Now, under Governor Juracy Magalhäes, Bahia is setting forth on the hard road back to prosperity.

"'Africa's Rome." Amerigo Vespucci, at the head of a Portuguese expedition, first sighted what is now Salvador on Nov. 1. To a Toure San Salvador of Nov. 1. Toure San Salvador dt Bahia de Todos os Santos, Holy Saviour of the Bay of All Saints—"and of almost all sins." adds Brazilian Sociologist Gilberto Freyer. Saints—"and of almost all sins." adds Brazilian Sociologist Gilberto Freyer. Saints—"and the saints of any the saints of any the saint of any the saint

The veneer of Roman Catholicism in Bahia is not much thicker than the gilt on the strikingly beautiful altars of Salvador's many churches. African spirits are called by Catholic names (Ogun, god of warriors, is dubbed St. Anthony; Oxössi, god of hunters, is St. George). At the University of Bahia S Africo-ficinal central candidates the control of the Catholic Name of the major tongues of West Africa.

The state is 68% illiterate. Disease is widespread, and outside the city of Salvador there are only 245 doctors. The average weekly income for Bahians is \$1.5.5, one of the lowest wages in the world. Gambling and prostitution proliferate. Vet Bahia is perhaps the most exotic part of Brzall, Salvador is still a baroque level box and a magnetic box and box and sheep, grow sisla and vegetable oils in abundance. A zone near the south Bahia produces all of Brzall's petroleum—box to box and a magnetic box and a mag

A Plague of Problems. When Governor Magalhaes took over 17 months ago, he quickly singled out specific problems:

Bahia's big exports of cacao bring much foreign exchange to Brazil (\$120 million last year), but after the money is converted to cruzeiros at discriminatory rates in Rio's Bank of Brazil, only a little of it ever gets back to Bahia. Q Petrobrás, the government oil monop-

oly, pays Bahia only 4% royalties on the value of production at an artificially low rate (compared to 50% of profits paid by U.S. oil companies in foreign lands).

¶ Bahia's rich lodes of lead, chrome, iron and gold lie unmined for the most part.
Natural gas is undeveloped.

¶ Roads and other federal public works are badly neglected, lately because President Juscelino Kubitschek has preferred to spend money on Brasilia, the new capital of Brazil.

Skyscropers Going Up. Governor Magalhaes has run Bahia before, as one of the tough lieutenants of the late Getülio Vargas after Vargas took dictatorial control of Brazil in the 1930 revolution. Now the 55-year-old former revolutionary likes to explain that he puts his faith in his rosary rather than in the two pistols he used to pack.

He still moves fast. He has cut the state payroll, diminished nepotism, enforced fair payment of taxes, paved highways. He has opened fish and chicken hatcheries, fattened cattle herds through inoculation, distributed 2,300,000 rubber seedlings this

year alone. Magalhães is starting a \$400 million four-year-plan for economic development. The Governor also got Petrobrás to appoint a Bahian director and to negotiate an increase in the royalty rates.

In Salvador a dozen skyscrapers are under construction. Two new hotels will soon join the Hotel da Bahia to catch the swelling tourist trade, and the modernistic, 2.000-seat Castro Alves Theater has been rebuilt after its destruction by fire two vears ago. The University of Bahia, which last week inaugurated a new, glass-walled Polytechnic School, has fired an artistic rebirth with new schools of sacred art, Afro-Asian studies and theater. Argentine Artist Carybé, who painted the mural in American Airlines' Idlewild terminal (Time, Aug. 15), has settled in Salvador; Genaro de Carvalho, a leading maker of modern tapestries, lives there, Keeping abreast of the trend, the Catholic Church is pushing completion of its university, with colleges in law, medicine and philosophy already functioning.

Presidential Promises. Magalhäes is determined to correct the federal government's neglect of the state. "We have reached the utmost limits of human distress," Magalhäes says bitterly. The São Paulo newspaper O Estado agrees with him: "The nation has bled Bahia."

Last month Magalhies turned up at Rio's Laranjeiras Palace and sat down to lunch with President Kubitschek, By desert, the President had vowed to make good on his promise to pave the highway south, and last week the government let 24 contracts for the 81,8 million joh. Kubitschek also promised to find \$8,500,000 to complete one of Magalhiae's cherisised projects: Iona-deferred completion of the 20,000-kw, power dam on the Rio class the southern part of the state (134 of Bahia's 194 counties have no electric power.) "We want Bahia always to stay beautiful," says Governor Magalhiaes, "We also want people to eat, and children to read



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PEOPLE

Departing Sydney for Calcutta, Sir Edmund Hillary, New Zealand's cliffhanger extraordinary, labeled his upcoming nine-month expedition "the most important of its kind ever to go to the Himalayas." Its prime purpose: to conduct physiological tests atop the world's fifth-highest peak, Mount Makalu, which the party of 18 hopes to mount without oxygen tanks. But getting most of the headlines so far was an expedition sideline: Hillary's quest for the Abominable Snowman, Although he suspects that the abomination is just a snow job. Hillary is toting a special, hypodermic-firing blunderbuss with a 50-yd. kayo range to make sure that he is ready for yeti.

Into a new career—or at least so he hoped—went pixy Puglist Archie Moore. In San Diego, Calif., Democrat Moore announced his candidacy for the State Assembly in November's election. Although sometimes chary about defending his light-heavyweight boxing championship, Archie promised if elected he "will be a fighting assemblyman."

Despite offers of up to \$1,000,000, General George C. Marshall staddastly refused to publish his memoirs during his lifetime. But he did leave 500,000 personal papers and more than 50 hours of creorded interviews to a research foundation headed by General of the Army Oman N. Bradley. Last week Bradley announced that the first of three volumes we written by ex-Army Historian Forrest C. Pogue, will be published in 1963. Royalties will help establish a Marshall Library at his alma mater, the Virginia Military Institute at Lexington.

Two classic comics arrived ashore safely last week under different circumstances. While Harold Lloyd, 66, disembarked from the United States—natty



THE HAROLD LLOYDS & GRANDDAUGHTER

and refreshed—after a four-month European junket with the family, Bert Wheeler, 65, had to be fished—saturated and exhausted—from Long Island Sound 40 minutes after his boat capsized.

During the past months, Adlioi Stevenson has caught Morf Solf's act more than a dozen times in Chicago, and the two have become fast-tongued friends. Last week, Sahl recalled a recent visit to the gentleman famer's diggings at Libertyville. "He doesn't stand on ceremony or have any protocol, and yet the dignity is indigenous. Only trouble is he's so charming he usually steals your girl."

Replying to reports that she is on chilly terms with her imperial sister-in-law, ex-Princess Suga, an emperor's daughter who six months ago married a bank clerk,



MICHIKO & SUGA Two friendly princesses.

insisted that she has never felt closer to Crown Princess Michiko, a mill owner's daughter who married the heir to an empire. Suga, who is delighted with the freedom she has found outside the palace as plain Mrs. Hisanaga Shimazu, sympathizes with Michiko in her struggle to observe palace protocol, feels that Michiko is "working too hard" in her efforts to live up to her role. Suga advises Michiko to "relax," helps her in her many tasks. Most recently, Suga has been buzzing all over Tokyo in her Datsun Bluebird, a Japanese compact, to shop for Michiko's forthcoming U.S. trip. One of last week's purchases: a pair of shoes.

Now on a European concert tour that will last until Christmas, America's missing lynx, Eartha Kitt, swung into Eng-



EARTHA KITT & SPOUSE Four in a family.

land last week with Husband Bill Mc-Donold. While her real-estate-dealing spouse of three months shuffled his feet. Eartha announced that she was looking forward to eventually having a larger family. "A boy and a girl would be fine. I think children are the major concern of an interacial marriage, but if you bring them up correctly, they will learn to live with the rest of the world."

After many a summer came the swan song of Wyomigs Democratic Senator Joseph C. O'Mohoney, 75. Retrining after O'Mahoney, who suffered a stroke last year, came onto the floor in a wheelchair to introduce a bill regulating insurance rates. Speaking at the length that had liberative member of the world's most deliberative body." O'Mahoney referred only once to his leave-taking: "I regret that I shall not be a member of the bedone." "erget that I shall not be a member of the bedone."

Since the end of her 50-year reign as Oueen of The Netherlands in 1948, the birthday of Wilhelming has no longer been celebrated as a national holiday. But as she reached 80, a burst of nostalgia swept through the flag-bedecked land. Begged an Amsterdam newspaper: "Give us back that Aug. 31st. Let us always celebrate the Queen's birthday on that day." Strong-willed as ever, Wilhelmina insisted on a simple family gathering. and her daughter made a radio request for privacy. Said Queen Juliana (whose own April birthday has never quite assumed the same significance): "When mother does something, she wants to do it wholeheartedly . . . She holds the view that her time is gone, her time is past . . . This is the freedom of her last days."



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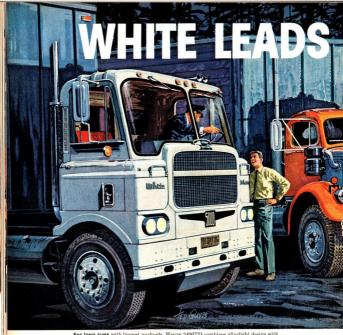


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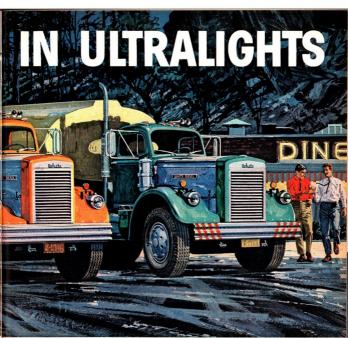
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SPORT

The Olympics

It was a week of fantastic emotional ups and downs. Favorries fell by the dozen. Unknowns won fame. Under the tension, tempers pose: a Japanese official accused a Bulgarian wrestler of throwing a match to a Russian, who thereby beat out a Yugoslav for a gold medal; on British bowing referees and judges complaints. if a bowing referees some U.S. officials and athletomyetenes some U.S. defined and a supplementation of the supplementat

At week's end, as expected, the big squads of Russia and the U.S. stood onetwo in the unofficial team standings in the 1960 Olympic Games, Top moments of

the Olympics' second week In the high jump, the U.S. thought it had its surest gold medal candidate: Boston University's lithe John Thomas, 19. holder of the world record at 7 ft. 34 in. Confident as ever, Thomas seemed reluctant even to take off his sweat suit for early jumps. When the competition began in earnest. Thomas seemed safe enough. The best man of the challenging trio of Russians had never gone over 7 ft. 4 in. But as the bar rose steadily, Thomas began to peer nervously at the Russians. All four cleared 7 ft. 1 in. Then Robert Shavlakadze and Valery Brumel made it over 7 ft. 1 in. to break the Olympic record by 2 in. Twice Thomas missed. The stadium lights were on when he began his third try. His form was as smooth as ever, his right leg kicked for the sky-and he seemed to be over. Then his trailing left leg swept the bar down. and the U.S. suffered its most astonishing defeat at the Rome Olympics. The even-



U.S. SHOTPUTTER NIEDER
An old foe routed.



RUSSIAN HIGH JUMPER SHAVLAKADZE
A champion humiliated.

tual winner at 7 ft. 1 in. was Shavlakadze (because of fewer misses in all jumps than Brumel). Said Thomas: "I don't have any alibis—I was beaten fair and

square. In the private U.S. preserve of the shot put, the first man that Army Lieut, Bill Nieder, 26, had to beat was himself. Though he held the world record (65 ft. 10 in.). Nieder had often been erratic under pressure, had flopped badly at the Olympic trials and made the team only when Qualifier Dave Davis hurt his wrist. California's Parry O'Brien, 28, two-time Olympic champion, delighted in calling Nieder "a cow pasture thrower" given to choking in the big events. But after hitting 67 ft. 1 in. in practice. Nieder was the picture of confidence as he strode into the arena wearing a jaunty yellow straw hat bought especially to rattle his rivals: "I decided to do a little 'psyching' of my own," Rocketing across the ring. Nieder got off a put of 64 ft. 64 in. to break O'Brien's Olympic record by 3 ft. 72 in. Puffing mightily, O'Brien finished second with 62 ft. 88 in., a bare 4 in. ahead of Arizona's 20-year-old Dallas Long, O'Brien tarried only long enough to give Nieder a handclasp and the thin sliver of a smile. then retreated to the stands where he

choked. In swimming, the U.S. had a marvelous week. Three days after she had finished second to Australia's Dawn Fraser in the 100 meters, California's blonde Chris von Saltza, 16, left her rival floundering back in fifth place as she won the 400 meters in 4:50.6 to smash the Olympic record by three full seconds, Anchorman Jeff Farrell. 23, kept out of the 100meters freestyle by a July appendicitis attack, boiled through the water to bring home world records in the 400-meter medley relay (4:05.4) and 800-meter freestyle relay (8:10.2). Bobbing like a porpoise. Indiana's Mike Troy, 19, windmilled through the grueling 200-meter butterfly in 2:12.8 to break his world record by 4 sec. In two major races. Australia's Murray Rose won the 400-meters and Teammate John Konrads swam off with

admitted candidly: "School's out, Parry

the 1,500-meters. But when all the events were done, the U.S. men and women had routed the strong Australians by the margin of nine gold medals to five, cracked nine Olympic and six world records. "Our trackmen came here to beat their opponents," said one U.S. official. "Our swimnents," said one U.S. official." our swimnents, said one U.S. official. "Our swimnent

mers came here to eat them alive."

¶ In the broad jump, Mississippi's Ralph Boston, 21, complained about his formation, 21, complained about his formation, 21, complained about his formation, 21, complained about his discussion of the Olympic record Jesse Owens set in 20,6. Flighting for second place. Army Lieut, Bo Roberson, 25, a former Comella hilback, was trailing Russis's Igor Ter-Oumesyan when he got off the greatest of the formation of the property of the pro



U.S. Broad Jumper Boston
An old friend lost.

Minding our own business

BACKSTAGE AT BUSINESS WEEK

Press Picks a Peck. A syndicate of Singapore merchants pulled one of the classic maneuvers of speculative finance last winter, when it cornered all the pepper in the world. Prices more than doubled, and the group had taken profits



of over \$4,000,000 when Business Week broke with the details. The Associated Press put our article on the wire, and headline writers had a ball, "Pepper Packers Profiting," said Shawnee (Okla.) News-Star. Hagerstown (Md.) Herald retaliated with, "Pepper Prices Pinch Purses." Binghamton (N.Y.) Sun and Lubbock (Tex.) Avalanche agreed on, "Pepper Price Not To be Sneezed At." Several papers spoke of the "Clever Chinese." The pepper story isn't exactly typical, but Business Week is probably the most widely-quoted business magazine. We average 600 clippings a month from one clipping service alone-about a quarter of the total quotes.



Our health. The amount of advertising as am eagaine carries is not the only measure of its vigor, but it's the kind of muscle a stockholder loves to touch. The Publishers Information Bureau says that, so far this year, advertises have placed more pages in Business World than in any other general, general-business, or news magazine. Stockholders, please notes, please notes.

BUSINESS WEEK

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record broken by the two Americans. Owens cracked: "Well, there goes another old friend."

¶ In the women's 100 meters. Tennessee's willows William Rudolph. 20, tided the Olympic and world record of 11.3 in early beats, then zoomed away from the field in invalidated for a world record by a tail wind). First U.S. grift to win the event since 1936. William ande another conquest in Rome: she wandered about Olympic Village hand-in-hand with U.S. Sprimtbles on the track was having his troubles on the track was having his troubles on the track.

¶ In the eight-man rowing final a faststroking German crew, using revolutionary, shovel-shaped oars, defeated Canada by three-quarters of a length, left the U.S. Naval Academy's rowers adrift in fifth place. For the U.S. the loss was the first in the event since 1912.

¶ In the hammer throw. California's mighty Hal Connolly, 29, stunned the crowd by failing in the qualifying rounds with a weak toos of 208 ft, 7½ in., which fell, 22 ft, 1½ in. short of his world record, Proof of the caliber of competition at Rome: Connolly's losing throw was still a foot heter than the Olympic record he set in 19,56. Winner of the event was Russia's Vasile Rudenbow at 230 ft, 1½ in.

sias Vasily Rudenkov at 220 ft. 12 in. Q In the men's 200 meters, a lanky Italian chemistry student named Livio Berutti, 21, rocked U.S., pressige by tying the world record of 20,5 sec, and finishing a time of 250 ft time of 250 ft

"Hary! Hary! Hary!"

"If you can get a step on a man in the con meters," says U.S. Sprinter Ray Norton, "you can just look over your shoulder at him and let him do his best. He'll never catch you." Last week a Frankfurt sales clerk named Armin Hary, 23, god a step on the world's fastest sprinters, including Norton himself, and ran off with the 100-meters gold medal for one of the biggest uppers of the Olympics.

Hary's performance caught the U.S., which had not lost the too meters ince 1938, seemed as strong as ever, with a trio headed by Ray Norton. For another, a trio headed by Ray Norton. For another, a supplicion. Rivols had long claimed that tolerant European starters let him beat tolerant European starters let him beat for no see, flat, skeptrical U.S. and European to the seemen of no see, flat, skeptrical U.S. and European starters let him beat growth of the seemen of the seemen starters let him beat growth of the seemen starters let him beat growth of the seemen starters let him be seemen starters let him be

They figured without Hary's fierce pride. Son of a Saarland coal miner who was a German wrestling champion, Hary began serious training at the age of 14. By 1958 Hary was the European cham-



GERMAN SPRINTER HARY
"Look over your shoulder."

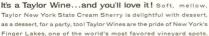
pion, but he had won few personal admires along the way. Says West German Track Boss Dr. Max Danz: "He was a little urchin, a tough kid and a little loud-mouth." Hary cockly dispensed with a cost, two feet and can take my fate into my own hands." In time, Hary's starting reflexes came to have as delicate a hair trigger as his temper. "Hary is capable of anything," said a German track official last month, "provided he doesn't lose categories can be considered as the control of the c

To calm down for the Olympics, Hary spent hours prowling the countryside, slept late and loafed through practice drills. But when he arrived in Rome, Hary was his old, unmellowed self. The great Jesse Owens, star of the 1936 Olympics, wanted to meet him. Snapped Hary: "I'm sorry. I haven't the time to fool with him."

When the competition began, Hary showed up carrying a knapsack loaded with his gear, pointedly ignored his rivals clustered on a bench. Then he set to work. He lowered the Olympic record by .1 sec., to 10.2, in an early heat, won the semifinals in 10.3. In the finals, after making two false starts with the rest of the field. Hary poised on his blocks as steady as a carrier plane braced on its catapult. The six men came off the mark together, but within two strides Hary had accelerated to a half-meter lead. By the 50-meter mark. Hary opened up a two-meter gap as German fans chanted: "Hary! Hary! Hary At the finish, Duke's Dave Sime, 24,

made a frenzied dive that sent him skidding along the cinders and tied Hary's time of 10.2. But Hary had clearly crossed the line first to win the gold medal (Norton finished sixth), completing the finest exhibition of sprinting in Olympic history. Said Champion Hary: 'I'm a fast starter. That's all there is to it.'







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MEDICINE

Staph Killer

Too sick even to cry, the tiny, fourweek-old infant lay limply on its bed in a British hospital. Tests of blood and pus samples, drawn from an inflamed abscess on the child's right hip, produced a chilling diagnosis: Staphylococcus aureus, of the dreaded "hospital type," which is resistant to penicillin and most antibiotics. With little hope of success, physicians administered massive doses of penicillin and streptomycin. Neither worked, and the child hovered near death, Finally, doctors tried an experimental drug, one so new that it still had no name, bore only a laboratory code number: BRL 1241. The dramatic result: after five days of treatment with BRL 1241, virulent staph germs had disappeared from the infant's blood and urine, and in 20 days all signs of active infection had subsided. The child was well, hungry and squalling.

By last week, BRL 1241 had acquired two trade names (one each for Britain and the U.S.)-Celbenin and Staphcillin -and was ready for market. A synthesized, chemically produced penicillin, developed mainly under the direction of four British doctors, all under 40, the new drug promises to become a potent weapon in the frustrating fight against staphylococcal infections. In U.S. clinical tests. Staphcillin proved effective against penicillin-resistant staph strains in nearly nine out of ten cases. And its successful commercial synthesis offered hope of another break-through: development of nontoxic penicillins that can be administered with safety to allergic patients.

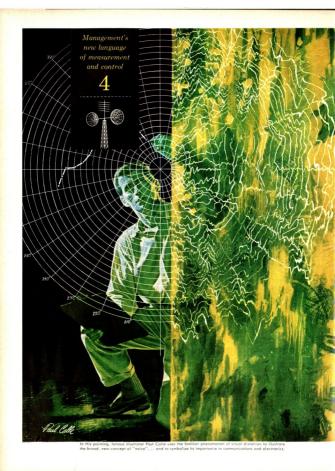
Emotional Pile-Up

Can a single traumatic experience trigger mental illness? Does every person have an emotional breaking point? No, said Cornell University Sociologist Thomas S. Langner last week, reporting on an eight-year study of 1,600 middown Manhattan residents. Concluded Langner: Events in the life history seem to pile up, ically spells mental disaster. The principle governing the relationship of environmental stress factors to mental health seems to be the more, the unmerrier."

The survey also revealed a higher susceptibility to serious mental illness among poorer people. A man with a high income tends toward neurosis (about two out of twe, said Langner, are "probable neurotics"); his low-income counterpart often (in the property of the control of the conlair emotional stresses. Added Langner: "The high-status neurotic worries about his job, but he usually keeps it. The lowstatus, psychosis-prone fellow becomes suspicious and displays his antagonisms, but he never worries about his job."

O Not to be confused with a penicillin-sensitive strain of Staphylococcus aureus (Phase Type 53-77) that caused an infection in Vice President Nixon's left knee (see NATIONAL AURALUS)





SIGNALS & NOISE

The ingredients of every communication of any kind

Where one exists—conveying a message, there also is the other-contaminating it

A researcher sends up a telescope in a balloon-to get it beyond atmospheric turbulence. Another photographs the sun through a colored filter-to bring out surface features. A lineman installs a device that will cancel out stray voltages in a telephone circuit. A pilot repeatedly radios his position-so the message won't be garbled by static.

Each of these four people is solving the same problem in COMMUNICATIONSthe separation of SIGNALS from NOISE.

As you suspect, these words are being used with broader-than-usual connotations. A communication, thus, is anything which conveys a message . . . from one man to another . . . from a visible subject to a photographic plate . . . from one part of a machine to another . . . from any source to any receiver. Signals are those portions of a communication which originate at the source. Noise is that portion which intrudes into the communication enroute to the receiver. Signals and noise are always intimately mixed in every message-though in varying proportions. Both are carriers of INFORMA-TION-relevant information, on the one hand . . . spurious, on the other.

The subject is an important one because every day more communicating is being done than the day before. New ways of dealing with noise must constantly be devised.

The examples given in the first paragraph illustrate four basic techniques:

1) REMOVAL. The noise source is physically separated from the communication CHANNEL. In our example, the path of light from star to telescope is the channel . . . the lower atmosphere, the noise source... the balloon, the instrument for separating the two.



2) FILTERING. When noise is most intense in one part of a channel, and sufficient information can be carried in another, the noisy segment is eliminated. In the example: the photographic filter cuts out the wave

lengths of most of the sun's background radiationwhich normally prevents surface features from being seen directly.



3) FEEDBACK. Ingenious devices have been developed for special situations, such as control of noise at telephone relay locations. These mechanisms recog-

nize a spurious input and feed an identical input back into the circuit in such a way that the two cancel each other out.



4) REDUNDANCY. More signals are sent than are ideally required to complete a

message. Thus, after noise has degraded some signals, the balance will be sufficient for accurate reconstruction.



A promising approach to noise elimination has been developed under the name of PULSE CODE MODULATION, Briefly. this depends on the translation of varying signals only of discrete pulses These pulses can be distorted by noise, but not entirely obliterated-nor counterfeited MMM

At the receiver, the pulse shapes are reconstructed MANA and decoded-yielding the original wave form

\/www

Technicians in every branch of science and industry have been coming up against some aspect of the noise problem for many years . . . and seeking independent solutions. However, our understanding of the subject has now grown to the point where we can work with common, basic concepts. The advances being prepared today will have far broader uses in communications, measurement and control than were thought possible just ten years ago.

Advanced new devices like this DAYSTROM unit implement the Purse Code Modulation system outlined above. The unit is called ADIT, short for "Analog-Digital Integrating Translator," It's an all-electranic instrument of remarkable precision and capability. DAYSTROM engineers working with problems of "noise" in

more intimately the exciting nev



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TIME. SEPTEMBER 12, 1940

MUSIC

Music Man's Lady

At a high point in The Music Man at Broadway's Majestic Theater, the melody of Till There Was You climbs and blazes in a crescendo of awakening love between Bert Parks and his shy sweetheart. The baton in the orchestra pit below is not wielded by the usual bald male conductor. but by a very pretty young lady who might have just defected from the chorus onstage. With striking Titian-red hair,



CONDUCTOR REDEIELD

Who wants to watch the show? plus face and figure to match, Liza Redfield has the looks for anything except what she is: Broadway's first fulltime

Liza's feminine victory sets quite a precedent for U.S. musical theater. Women of the class and quality of France's austere Nadia Boulanger have guest-conducted the Boston Symphony and other orchestras; in a less memorable tradition there have always been all-girl dance bands. But conducting Broadway musicals has always been a man's job. Producers argue that women cannot command a male theater orchestra in day-in, day-out performances. Besides, if the girl conductor is goodlooking, who wants to watch the show? Liza Redfield finally broke the monopoly by insisting that "music is neither masculine nor feminine. You don't have to be one of the boys to be a good conductor. For four years, she rapped steadily at Broadway's door until Music Man's Co-Producers Herb Greene, who also doubled as the show's original conductor, and Kermit Bloomgarden gave way. Daughter of a Philadelphia textile work-

er. Liza started out as a piano prodigy, had her first public concert at the age of

eight. One day five years ago, some friends asked her to play at a recording session for a short-lived musical called The Amazing Adele. "There was a 14-piece orchestra and no one to conduct it, I suddenly found myself playing the piano and con-ducting the orchestra, and I loved it." For the next year she studied under Vladimir Brailowsky, then made the rounds of the summer tent musicals, absorbing both the inevitable gags ("Gee," cracked one cigar-puffing cellist, "you're the first longhair I ever enjoyed working for") and the experience. In three years she handled 20 scores, from Me and Juliet to The King and I.

Last year she went off-Broadway to conduct a pair of musicals, and finally got her break two months ago when Conductor-Producer Greene decided to step down from Music Man's podium. So far, not a peep of complaint has been heard from her 24-piece orchestra, "You know," said one musician, "this is the first time I ever watched a conductor.

Clock Watchers

The evenings can grow long at Germany's Wagner Festival in Bayreuth, and many an operagoer has cast a furtive glance at his watch as the Teutonic roll and tumble thundered on. Furtive watch watchers may not know that backstage. opera-house technicians have been keeping their own Teutonically thorough stop watch record of Festival performances since 1876. How the tradition started. or why, no one can remember. But now a former Bayreuth technician has leaked some of the results, affording opera lovers some interesting sidelights on the old question of conductors' tempos and tempers. Items

Das Rheingold: Conductor Heinz Tietien's fast time of two hours and 17 minutes set in 1024 has never been beaten. Slowest time for the distance: two hours and 42 minutes in 1951 by Hans Knappertsbusch, long regarded, but unclocked, as a relatively "slow" conductor.

Die Walkure: Tietjen and Knappertsbusch ended in a dead heat for the speed record for the first act. Time: one hour. five minutes. In the third act, Knappertsbusch displayed a strong kick at the finish, beating Tietjen by one minute.

Parsifal: Toscanini's swift handling contributed to his reputation as a fast conductor. His early record of two hours and six minutes for the first act, set in 1931, was finally broken in 1953 by Clemens Krauss, who raced to the finish in an astounding one hour and 30 minutes.

Die Meistersinger: The third act has served as a classic test for conducting speed, and no one has ever matched the spectacular time of one hour and 54 minutes registered by Fritz Busch in 1924.

Everybody concedes that Wagner dragged out can get unbearable, but even the clock watchers themselves do not agree on the important question: Is fast-

Change of Hat

Austrian Conductor Herbert von Karajan, 52, Europe's No. 1 man of many musical hats-and almost as many moodsis noted for having walked out on some of the best jobs in opera and symphony on the Continent. Last week he did it again. The post of artistic director of the famed Salzburg Festival was specially created for him four years ago, and he called it the achievement of a lifelong ambition. But Von Karajan has now refused to renew

As usual, rumors flew as fast as bow strokes in the William Tell overture: Von Karajan had quit over the mixed public reception to the new Salzburg Festspielhaus, whose massive design was considered by some inimical to the intimacy of Mozart operas (Time, Aug. 8); or he had been forced out because he scanted Mozart during his tenure in favor of Richard Strauss and various modern composers. A more likely explanation was that he was just restless again.

After all, he has his other jobs to think about, too, such as his role as artistic director of the Vienna State Opera. Then there is the Vienna Philharmonic (conductor: Herbert von Karajan), which he plans to take on a three-week tour through



CONDUCTOR VON KARAJAN Where to? Everywhere.

Germany, Italy and Switzerland this fall. He is also scheduled to conduct the Berlin Philharmonic in six concerts in its home city and then take it on tour to London for a Beethoven cycle. December calls for a production of Fidelio at La Scala. And since he is now free of Salzburg, Edinburgh may seek his services for its music festival next year. Finally, there are reports that Von Karajan has privately expressed his ambition to conduct the opening of the new Metropolitan Opera House in New York in 1963.

The President of Salzburg's Festival.

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nual Mardi Gras; the colorful Chinese

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Direction of Fund-Raising Campaigns CHAMBER OF COMMERCE BUILDING PITTSBURGH 19, PENNSYLVANIA WITH OFFICES IN: NEW YORK, N.Y. CHICAGO, ILL., CHARLOTTE, N.C. Member, American Assn. of Fund-Raising Counsel Bernhard Paumgartner, still hopes that Von Karajan will come back. But other Salzburgers express their feelings in a joke now making the rounds. Von Karajan jumps into a cab in front of the new Festspielhaus and tells the driver, "Hurry, hur-" "Where to?" the driver inquires. Von Karajan answers: "It doesn't matter. I have things to do everywhere.'

Shinu, Shinu, Shinu

When the first Japanese-language version of the U.S. jazz magazine Down Beat hit the stands in Tokyo this summer, an 18-year-old university student wrote the publishers his fervent thanks: "To me your magazine is as a mountain guide to an amateur Alpinist." Japanese enthusiasts are finding the cool air of American jazz a mighty heady place.

Beer-, tea- and coffee-houses loud with the sounds of Thelonious Monk, Dizzy Gillespie and Gerry Mulligan are sprouting like rice shoots in Japan's major cities. But Mama, Carrousel, Swing, or Fujiya Music Salon are nothing like Manhattan's Metropole or Birdland, Instead of the usual clutter of tables and clatter of highballs, Japan's hipsters sit in desklike seats set in rows of two, railroad-style, sipping their drinks in scholarly contempiation and rarely speaking, as jazz, either recorded or live, engulfs them in smoky parlors. Girls in the crowd affect tight toreador pants; the boys are mighty sharp in Ivy League coats and peaked caps pulled down tight to their dark glasses.

American jazz was first imported in the 1920s, and became "enemy music" Japan's generals in World War II. Western music came back deafeningly in the U.S. occupation. In the years since, Japa-nese fans have staggered through the bigband beat, calypso, rockabilly and other crazes. Beginning last year, modern jazz. progressive and otherwise, has taken over the joints. At last count, Japan has some 3,000 union-registered jazz musicians noodling away at the out sounds of such current favorites as Sonny Rollins, Art Blakev and Miles Davis, They have even picked up the lingo, and added soy sauce. Though cool (pronounced "koo-roo") and beat ("beato") survived the Pacific crossing almost intact, the U.S. term funky (meaning earthy) is disparaging Japanese for beatnik. Shinu (literally: I die) means being overwhelmed, and if the sounds are too far out, they are ikareteru (meaning out of order).

A Japanese jazz buff named Shoichi Kusano, 29, sold Down Beat editors in Chicago on a Japanese edition of the jazz magazine, sold out 2,000 copies of the first issue at 50¢ each, expects soon to be selling 10,000 copies per issue, al-most half the magazine's U.S. sales, The September issue features a story called "Tragedy of Newport Festa," telling of the riots that broke up the Newport Jazz Festival this summer. In this case, the Japanese got there first: at Tokyo's first jazz festival last summer, an overflow crowd almost tore down the joint to hear a succession of Japanese big bands and combos and moan "Shinu, shinu, shinu, shinu," **NOW YOU CAN ENJOY A**

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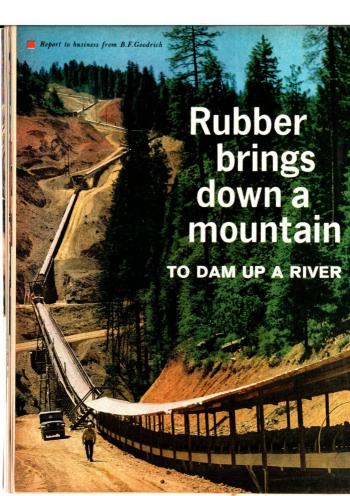
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ROCKS RACE DOWNHILL at a 3000-tons-an-hour clip on BFG conveyor belts. Carrying heavy loads like this once required a great number of belts traveling short distances. But extra-strong BFG belts span the 2 miles in just a few long flights.

How two miles of B.F.Goodrich conveyor belts help build world's highest earth dam

In the rugged evergreen country of northern California, contractors are blasting millions of tons of clay and rock from a mountain—and hauling it to a river valley two miles away. There the transplanted mountain is being reshaped into the world's highest earth dam—495 feet above the streambed of the Trinity River.

Here's what makes this record earth-moving job practical: a high-speed conveyor system that rushes 3000 tons an hour down the mountainside. Shouldering these heavy loads are rubber belts, made by B.F.Goodrich.

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B.F.Goodrich belts on the Trinity project have been at work two years with no problems. When the 3-year move is finished, they'll have brought 33 million cubic yards down the mountain.

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SHOW BUSINESS

SPECTACLES

One for the Bulls

The small red brick and whitewash purblo of San Sexesa, ten miles north of Madrid, last week contributed something to the history of the bull of way, to the level of Talavera de La Reina, where the great Joselfo was killed by a bull on May 16, 1920, and Linares, where bullfighting's messiah, the killed while slaying another bull on Aug. 28, 1947.

Faster-starting than race horses, more agile than middleweight champions, fighting bulls are semi-invincible. In caged battle, they have destroyed both lions and Bengal tigers. On the other hand, they habitually lose bullfights. If they defeat one matador, the other matadors on the program are present to finish the job.

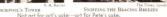
Last week San Sebastán de Los Reyes made that "almost always." For its annual one-shot fiesta, the village bought half a dozen three-year-old bulls from the un-pretentious Castilian ranch of Don Emerico del Coral. Three bullighters were signed—a sandy-haired 22-year-old called Little Angel, a swarthy fellow of the same age known as Little Pete, and a tec-new age known as Little Pete, and a tec-new the same three peters and a tec-new three peters and a tec-new three deaths of the same three deaths of the trumped of death sounded, and the bullinghi began.

Bull No. 1, named Powerful, burst into the sun and immediately shattered a section of the wooden barricade. Little Angel passed him once with a half-veronica, but on the return trip Powerful chose Little Angel instead of the cape. While Little Angel rested in a nearby infirmary, Little Pete finished the bull.

No. 2, called Field Guard, entered the ring with a splintered right horn and a dangerous way of booking both to the right and the left. "Let me at him," said the amilious self that the said of the animal and walked imperially away in the style of the great dominating matadors. Field Guard, unimpressed, mowed him down like a corn harvester. Little Pete again came in to make the kill—a little

No. 3. Little Ugly, carried fine high horns. "I doctided this was the bull for me," said Little Pete later. "I wanted to this ears and be carried off on the shoulders of the crowd." His statuary passes were successful; his work with the muleta brought music from the band. His sword thrust was accurate as well; but as Little Ugly fell he let Little Pete have it with a sharp left hook. Little Pete went off to the hospital, too. The remaining with a sharp learn of the company of the hospital, too. The remaining and the farm, and San Sebastish had a claim on history: every matador in sight had been wiped out by the fighting bulls.





VAUDEVILLE

Down to the Fish 'n' Chips
If vaudeville is all but extinct, it has,
at least, a reservation in Britain, a sort
of sanctuary for the vanishing boffolo,
where variety acts by the dozen still command high prices and audiences quoese up
mand high prices and audiences quoese up
mand high prices and audiences quoese up
actives and audiences and audiences and
a seven-mile waterfront promenade, Lancashirés Blackpool could well be called
the world's foremost indoor resort. The
salt air that attracts so many Britons to
with raindrops that all comers are driven
misde to watch everything from burlesque

with pratfalls to ballet with waterfalls. Ten years ago, there were some 60 variety houses in metropolitan London, and today there are none, but in Blackpool the vaudes are often more numerous than the swimmers. Despite "bracing breezes" that raise goose-pimples in August, the crowds come to Blackpoolmore than 8,000,000 a year. Last week, when resorts in less invigorating climes were already shuttering up, Blackpool began the biggest six weeks of its season, a grand finale known as the "Street Illuminations," when the city's thoroughfares are a carnival of flamboyant tableaux, ranging this year from a lurid facsimile of Botticelli's Birth of Venus to a cancan in 3-D.

Towers & Tongos. Blackpools' stitlers can poke a curious toe into "the world's largest outdoor swimming pool" (1.600 co. gallons of cold filtered bridges ascend the highest tower in Britain, as the sky affords a view of Wales's Mount Snowdon, 150 miles distant. They yoy to hack and forth between fish in' chip houses and some of the United Kingdon's rower can be shown to be sh

penny arcades, and take in Britain's only permanent circus. Even the public toilets have a first-rate box office, bringing in

7,000,000 pennies a year.
But the major attraction is vaudeville,
and many people see three zj-hour performances a day, Blue-collar sorts in the
main, Blackpool's visitors want unadorned,
ramrod stuff, and Blackpoolin entrepreneurs see that they get it. They like a
good belly laugh, says the impresario of
the 1.800-seat Queen's Theater, and they
don't like someone here, you don't give
him subtle insults; you say: 'I'll slap
thee in the bloody girt gob.''

Rigoletto & Lady Zorro. Along Blackpool's strand last week, 14 vaudeville and burlesque houses were offering everything from rock 'n' roll to arias from Rigoletto. and a "direct from America" girly show featuring a black-masked nude known as Lady Zorro. There was a puppet show, an acrobatic act, a North American dog act. and a show called Don't Stop, You're Killing Me, a revue thinly disguised as melodrama, which incorporated a squad of "police" who, more or less as if sent by Luigi Pirandello, entered the theater telling everyone in the audience to keep his seat until the heavy was apprehended. At the 3,000-seat Blackpool Opera House, the biggest English theater outside London, an expensive collection of British TV and variety stars was headed by Rock Corn-ish Singer Tommy Steele, earning \$3,000 a week, "When it's Blackpool on the line for talent," says one showman, agents automatically tack on 25%.

For all its common touch, Blackpool's history is alight with great names of show business—W. C. Fields, Bea Lillie, Danny Kaye, Marlene Dietrich, Gertrude Lawrence, Tallulah Bankhead, But none of

* For "girt" read "big"; for "gob" read "mouth."



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ESSEX



Vincent J. Coyle, Vice-President & Managing Dir. 160 CENTRAL PARK SOUTH • NEW YORK 19 them could rewrite the Blackpool creed. "You can't be chichi in Blackpool" is how one Blackpudlian phrases it. "It's not art for art's sake here. It's art for Pete's sake, and Pete owns the town."

"Pere" is, approximately, the English John Dough, and in the 1560 cer at one prosperity he knows where he wants to spend his holiday money. Last week in Blackpool a Lancashire wool merchant summed up the average Englishman's loyalty to the place. He had been to the Kriviera last year and had his fill of incomprehensible French entertainment sind Kriviera last year and had his more couldn't get fish "o' chips." he murmured, "and the steak was all covered with bloody glue."

HOLLYWOOD

David in Gomorrah

Manhattan's own David Susskind, successful producer of safe-at-home TV classics and voluble critic of TV's lack of daring, has been, to use his favorite verb denigrating Hollywood for years, "Hollywood has an advanced case of intellectual leprosy," he says, "It is sterile and bland a place of languor and procrastination. of overwhelming provincialism." Hollywood's responses are equally engaging. says Oscar Levant. "is sa-"Susskind." lami dipped in chicken fat," Yet there was Susskind, out in the Hollywood provinces last week, and not just to carry the battle to the enemy's home ground. He was there to show the languorous natives how to make motion pictures-and money.

Among the Barbarians, Producing the screen version of A Raisin in the Sun for Columbia Pictures, Susskind makes it clear to all Hollywood that he is an about filmland's Gomorrah atmosphere. run with the tide." he sits in self-imposed isolation at one end of the long table in Columbia's executive dining room and baits the mighty. At a recent lunch, he noted in a loud, salad-wilting voice that Eddie Fisher would be producing Elizabeth Taylor's next picture for Columbia. Susskind, spoke up from 20 feet away to defend the arrangement and asked what Susskind thought of it. "It's maniacal." said Susskind smoothly. "The next picture she will insist that her mother-in-law play the part of the other woman. After a while you won't be running a major studio. You'll just be renting property.

Susskind has fitted with Hollywood in the past, but he had insufficient power to make his presence felt. After fruitless chats with Mc-Geminence Benny Thau, he came away saying: "The only thing we have in common is breathing." His current mission, as he sees it, is to light Hollywood's way out of its cultural cave. Hollywood's way out of its cultural cave. Hollywood way out of its cultural cave. The seed of the common is breathing." His current mission, as he sees it, is to light tracted to do three more lilms for Columbia, is considering doing the life of Evita Perón, F. Scott Fitzgerald's The Rich Boy and Brendan Behan's The Quarte Fellow.



New York's Susskind in Movieland
"I am a leader. I think, I act."

He also has ambitious ideas of taking over a major studio some day, or, failing that, starting one, "If you are a man of passions," he said passionately last week "out here they label you a kook, a Comie, or an angle player." With head characteristically lowered, fists clenched, he went on: "I am a leader, I think. I can. I act, I want to lead with what I believe inside, If I am the makes me feel good inside, If I make and the latter of the makes me feel good inside, If I are started and the lowered eyes raised slowly, effectively.

Angles & Bells, Hollywood, for its part sint going for the angle. Groudo, Marx, not even bothering to make his bark wit, ys, summed up one school of local opinion by cailing Susskind. This phony New Column, Humoris Max Shulma wroze of "Mr. Susskind, the noted television timeliblazer, who gaze us a video adaptation of The Bells of St. Mary's." Susskind suiffed. Teople mention these third suiffed. Teople mention these third suiffed. Teople mention these thousand suiffed. Teople mention these thousand to local papers and the precision of the property of the pread the New York papers. I only read the New York papers.

No one can denigrate Susskind's success. Culturally, he may be a would-be explorer who has so far been little more than the surface of the control of the conbin the control of the control of the conshow business. He will produce \$30 million worth of TV shows this year (up \$12 million from last year). Furtly because his better writers are burstle like in Westminster Abbey, his shows will usualcause his better writers are burstle like in Westminster Abbey, his shows will usualbe to conserve the control of the control

There is a grain of truth in it. Hollywood is bending over—hoping to pull the rug out from under him.



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THE PRESS

Blackout in Houston

When does a daily newspaper, even with the best of intentions, have a right to suppress a major news story in its own backgard? Nowhere was this question more heatedly debated last week than in the city rooms and among the readers of Houston's three newspapers: the Post, the Chronick, and the Press. The issue involved the toughest problem facing the U.S.'s largest severeated city: interration.

Two weeks ago, to end lunch counter skins, white and Negro Houston civic leaders thrashed out an agreement desegragating the city's lunch counters. So that there would be no thare-ups when the there would be no thare-ups when the theory of the counter of the co

Other Southern newspapers have buried or ignored integration stories before, but seidom have they met such angered reaction. All three Houston papers underestimated the ability of Houstonians to find out the news for themselves. The papers were besieged with angry calls. "I am opposed to integration," said one woman. "but I would rather have integrated lunch counters than controlled news." To callers, Oveta Culp Hobby's Post blandly replied that the blackout had been taken as "another public service of the Post to insure public safety." But for all their intentions of doing good by stealth, the Post, the Chronicle and the Press would certainly have found life simpler had they lived up to a motto engraved in stone over the entrance of the Houston Post building: LET FACTS BE SUBMITTED TO A CANDID WORLD.

Press Lord Retires

In his corner office high above Manhattan's Park Avenue, Scripps-Howard's Roy Wilson Howard riffled through a stack of well-wishing telegrams: at 77 he had just announced that he was retiring after 33 years as editor of the New York World-Telegram and Sun, divesting himself of all executive responsibility and authority. Said Roy Howard, who for several years had been removing himself from management of the Scripps-Howard chain, as he looked back on more than 60 years in journalism: "Newspapers, I like to think, are the common denominator of popular thinking. In the old days newspapers thundered at their readers. Now they are down among them.

The words had a lordly ring—and Roy Howard had long since been certified as a U.S. press lord. Under Howard, the 19paper Scripps-Howard newspaper chain has become the nation's biggest. With an eye that saw red when red figures appeared

in the ledgers and could find only blue skies in black blances. Howard had kept Scripps-Howard financially strong, It was managerial shrewdness that also made him continue a policy of giving free rein to experienced and able editors. like the Cleveland Press's Louis Seltzer, who have made distantly owned papers conscientious and sometimes contentious members of their communities.

Yet, for all his financial and managerial talents, Roy Howard prefers to think of himself as a journalist, and in his day he was a fairly flamboyant one. In a press era increasingly dominated by blue serge



SCRIPPS-HOWARD'S HOWARD
Enough gall to be thrice divided.

businessman, he has been one of journalism's most vivid personalities. His clothes looked as though they had been cut from a bolt of the rainbow. Brash and profane, he had enough gall to be thrize divided.

Maybe a Good One. The son of a railroad brakeman, Roy Howard was born in a tollgate house in Gano. Ohio, and was blooded in the newspaper business hawkblooded in the newspaper business hawkdrifted from paper to paper before finally latching noto a job with the Cincinnati Past of the Scripps-McRae chain. Three years later he met the chain; guiding course later he met the chain; guiding meeting. W. Scripps-II was quite a "All of Old Man Scripps's sons were

over six feet tall." Howard has recalled, "and he naturally had a preference for tall men. When I stood in front of him, 5 ft. 6 in, tall and weighing about 115 lbs., he pushed his glasses up on his forehead and said: 'My God, another little one.' Replied Howard: "Yes, but maybe a good one this time."

Working his way upward in a hurry,

Howard in 1001 took over as general news manager of United Press, which had been formed by Scripps from three other newspathering services. In less than fw years, suthering services. In less than fw years, the services of the services of

Howard's editorial trademarks include heavily headlined, often exagerated "exposes" of two-bit foreign-aid boundogding (a pet Howard peeve that his pet columnists work at 1 and a kind of editorial writing style that tries to be "hard-hitting" when it is working hardest to straddle an issue (as one of his colleagues once remarked, "Roy is all but, and a yard

Oddly Accurate. As a working press lord. Roy Howard loved nothing better than to see his own byline. The most conspicuous one he ever got was when he filed his famed false Armistice report, on a say-so of an admiral, four days before World War I actually ended. He prided himself on brashness. For example, as Howard recalled last week, in 1936 "I was in Paris, sitting in a café, kind of wondering whether I was all washed up, whether I was any good. I took a cable blank that was lying around and wrote on it: 'Ioseph Stalin, Kremlin, Moscow, Arriving Friday evening for visit until following Tuesday. Much appreciate interview." The result: a rare, on-the-record talk in which Stalin warned Japan against going too far too fast in Manchuria. Howard now says of his reportorial career: "I acquired a reputation as a reporter that I never deserved -this despite the fact that I had some

considerable success. On the Sidelines? With the announcement last week of his retirement, most old Scripps-Howard hands could talk fondly of Roy Howard's many virtues and even, with a certain warped sense of pride, of his faults, One of the stories reechoing through the Scripps-Howard city rooms was of the time when Howard was among the guests of honor at a Washington dinner for successful ex-Indianans. The toastmaster introduced Howard as "that great Hoosier, that fearless publisher, the inventor of the minimum wage Howard was three paragraphs through his thank-you speech before he realized he had been insulted. Pausing in mid-sentence, he growled to the toastmaster: "Why, you sonofabitch." Then, with a beatific smile, he picked up where he had left off in his speech.

Replacing Howard as editor of the World-Telegrom and Sun is Lee Wood, 67, a longtime Scripps-Howard man, who has been executive editor of the Telly for the past 20 years. But few of those who know Koy Howard best would wager that he will remain on the sidelines when destines the sun the sun and the sun an

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AROUND THE COUNTRY OR AROUND THE WORLD, FIRST NATIONAL CITY KNOWS

RELIGION

Up & Up

U.S. Roman Catholics are having their own population explosion, and the gains are making problems for their church Sociologist Dr. Donald N. Barrett, of meeting of the American Catholic Sociologistal Society last week that there are now an estimated 4,3,650,000 U.S. Catholics, and that during the decade 150-159, the Catholic population increased by green by only 16,65%.

The number of Catholics is increasing three times as fast as the numbers of seminarians and sisters, twice as fast as parishes, "If lay people are unwilling to enter seminaries and the sisterhoods," concluded Dr. Barrett, "they must be utilized in greater numbers and more effectively in an expanding scope of church functions."

A Mission for the Archbishop

Among Roman Catholic university retors gathered at an international conference in Rio de Janeiro last week, the most impressive fagure was a towering (6 ft, Roman Catholic Archislop Faul Yu-pin Koman Catholic Archislop Faul Yu-pin of Nanking. Equally impressive was the report he gave of his church's growth in Formosa: during the past ten years, the island's Catholic population has grown priestbood from 2 to 2500.

Most of the new Catholics are refugees from Chinese Communists on the main-land, but many have joined the church since fleeing from the Reds. The old ways are gone, and they want something to cling to, says the archbishop. "For more and more of them that something is Catholicism. Almost all the professors, tradesmen, generals and politicians on Formosa have accepted Christ."

The archbishop had another piece of news for the conference. Next month he will travel to Formosa on assignment from Pope John XXIII—to re-establish in Taipei, and then to administer, the Catholic University of Fu-jen, formerly located in Peking. It will be the first time in more than ten years that the archbishop has been able to live under the Chinese flag.

Orphaned at the age of seven, he "accepted Christ" after his contact with the priests of a Catholic mission in a small rice-growing district near Lansi, where he lived with his grandfather. At 18, he decided to become a priest, graduated from the Jesuits' Aurora University in Shanghai, went on to study in Rome and returned to China in 1933. Three years later, he was named Bishop of Nanking. But he never got much chance to work at it, First the Japanese overran Nanking in 1937 and put a \$100,000 price on his head. His long exile in the U.S. ended after World War II. He returned to China, was made an archbishop in 1946. Three years later,



CHINA'S YU-PIN Christ is there to cling to.

the Communists overran his diocese and he had to flee again. In exile in the U.S., the bishop spent his energies helping Chinese in the New World and raising funds for the refugees on Formosa.

With a contribution of \$100,000 from the Pope, and the promise of \$900,000 from Boston's Cardinal Richard Cushing, Archbishop Yu-pin hopes to make Formosa's University of Fu-jen one of the Far East's best schools. It will be as international as the church itself: Spanish Dominicans will teach medicine and nursing: French Lazarists will run the law school; Austrian Benedictines will teach agriculture: Chinese priests will teach literature; and U.S. members of the Congregation of the Divine Word will teach science and languages. The first few hundred students are expected in 1961, and the archbishop hopes to have 12,000 by 1965.

The Holy Ghost

Theologians through the ages have bent their brains on the nature and function of God the Father and God the Son. But the third person of the Christian Trinity has received relatively scant theological tial exceptions," writes President Henry P. Van Dusen of Manhattan's Union Theological Seminary, "there has been hardly a period in the church's history, hardly a school of Christian theology, given to the Holy Spirit the attention ... merited."

Published last week was a new book on the Holy Ghost that will interest many a man in the pew as well as in the pulpit. In The Holy Spirit and Modern Thought (Harper; &4,50), Anglican Canon Lindsay Dewar, a Fellow of King's College, London, concisely surveys the history. thought about the Holy Ghost from the Old Testament concept of ruach, the "breath" or spirit of God, to his own arresting hypothesis that the Holy Spirit works through the unconscious with extrasensory perception.

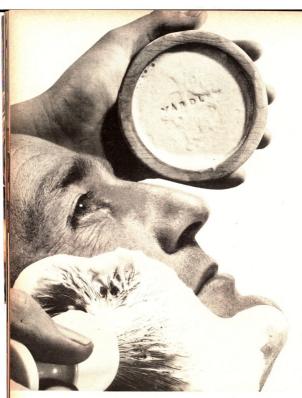
Irrational Individualism. The commonest mistake about the Holy Ghost, writes Canon Dewar, is to say "it" instead of "He." The gift of the Holy Spirit is "not the bestowal of a thing but the action of a person." The classic description of the Holy Spirit appears in the Gospel of John, where Jesus is quoted as promising to send the disciples "the Paraclete"-a Greek word variously translated as "com-forter," "advocate," or "counselor"—to remind them of Jesus' teaching and to guide them to truth, At Pentecost, the 50th day after the Resurrection, the Holy Spirit descended upon the disciples in tongues of flame and set them all to speaking in other tongues so vociferously that Peter had to explain to the crowd in Jerusalem that they were not drunk, "seeing it is but the third hour of the day [i.e., 9 a.m.]

Thereafter, the "gift of the Holy Ghost" came to be associated with glossolalia, or speaking in tongues, (TIME, Aug. 15) and was sometimes thought to be conferred by baptism or the laying on of hands. St. Augustine of Hippo (354-430) taught that the gift of the Holy Spirit could only be present in the unity of the church, that outsiders could not receive Him. But Martin Luther (1483-1546) took no account at all of the "fellowship of the The Holy Ghost, he thought, Spirit." descended upon one man and not another with no rational explanation ("Faith killeth reason"), and to individuals rather than to groups.

Fellowship of the Spirit. The Christians who have set greatest store by the Holy Spirit have been the post-Reformation sects, such as the Baptists, Quakers, Menonities and Moravians. Anglican Dewar is too much of a high churchman to approve of them. As a prime example, to conder of the Society for (1624-1691), founder of the Society for (1624-1691), personality of the root appreciating the personality of the Holy Spirit ("the constantly refers to Him as 'it"), and for having no "doctrine of the Church."

Canon Dewar's own original interpretation of the working of the Holy Spirit is that His field of operation is the unconcious, where He can make Himself felt in terms of what the parapsychological call "pip henomena"—chirvyannec, telepathy, psychokinesis, etc.—a. what the Christian calls his "conscience." Nor, in Canon Dewar's thinking, is the Holy Spirit limited to Christians.

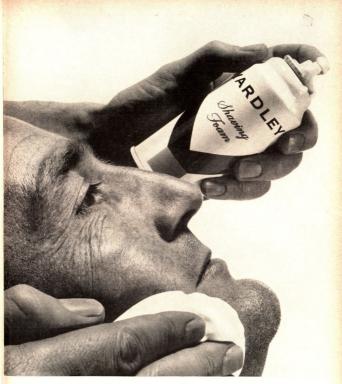
"He also works at the natural level, as our Lord clearly saw, overruling and guiding even the minds of non-Christian men and women. There is, in the words of the collect, a "never-failing Providence which ordereth all things both in heaven and earth." Such then, according to the New Testament, is the koinonia [fellowship] of the Spirit."



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EDUCATION

Schools of Tomorrow

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-Winston Churchill

Since World War II, the boom in U.S. school construction has been so phenomenal that it currently accounts for 20% of all public building. The value of U.S. school buildings has reached about \$30 billion-nearly four times the total assets of General Motors. More than half the nation's youngsters will soon be in postwar buildings; yet need still outstrips supply. This month schools across the land are reopening with a shortage of 132,000 classrooms. The need for the next ten years: 607,000 new classrooms at a cost of \$25.5 billion. And ten years after that? By then the school-age population may be more than double the present.

What kind of classrooms are needed? Until recently the U.S. conception of a school had changed little since the nation's first fully-graded public school-Boston's Ouincy School-opened in 1847. Quincy made one radical concession to individuality: desks in seven sizes for growing scholars. Otherwise, all students passed their years together in box-shaped rooms, class by class, the bright and dull handicapping each other. This week Ouincy School reopens its ancient doors, admitting 291 more students, still a monument to "egg-crate" education. For a century such schools have changed only the style of their facades-from Victorian Gothic to WPA Colonial to Neo-Revival.

Sun & Air, But the modern U.S. schoolhouse has a vastly bigger job. All under one bulging school system. Americans now demand kindergartens, big-time football. classroom TV and junior colleges. They want summer sessions for the fired, special teachers for the artended, night classes for the aged. The air-conditioned hive that serves this honey must nouse carpettry shops and physics laboratories, a hall for the town meeting, and perhaps a swimming pool that adults can use too. It must impress like a monument—and running out of stace, more world teachers.

The few architects who care to tackle such specifications have sprouted some of the most eve-catching buildings in the naion (see color pages). Architect Richard I. Neutra's pioneering (1040) Crow Island Elementary School in Winnetka, Ill. did away with fixed seats and high ceilings, Architect Mario J. Ciampi's prizewinning Westmoor High School (1958) in Daly City near San Francisco is big, stunning architecture: shimmering glass, enamel murals, barrel-vaulted roof. Grabbing whatever space is left to schools other designs march ingeniously up and down hillsides. New hexagonal and pentagonal structures reach out for sun and air, proclaiming the pleasures of education.

Time to Think. Yet in the past few years, a certain reaction has set in. When critics cried "frills" at murals and mosaics ("Must schools be palaces?" work Dorochy Thompson in 1057), school boards phasize the penny-pinching [Spartanism that pioneering architects borrowed from industrial buildings. And many a school board's haggling habit of comparing prices per square foot (U.S. median: \$15.50) drives away architects. Some boards would law of the price of

Except for small and poor schools, or

tion is no final answer. For each school is a unique problem in talloring costly space on differing sizes and to different needs, and the state of t

for stock parts in big schools, prefabrica-

just beginning. Spurred by the teacher shortage, educators are mulling revolutionary curriculums geared at last to individual differences. Proposals were laid out last vear by Education Professor J. Lloyd Trump of the University of Illinois, head of a team financed by the Ford Foundation. The future high school, said the Trump report, will dispense with standard classes of 30 students meeting five days a week on inflexible schedules. For 40% of the time, large groups of 100 students or more will attend lectures and demonstrations. Another 20% will be spent in small seminars of about a dozen students. For the remaining 40% of his time, each student will be on his own-experimenting, reading, memorizing-and, hopefully, thinking about the task in hand.

Foctory or School? Run by "master" career teachers earning \$1,5000 a year. Trump proposes) and assistants, this sort of schedule requires a different kind of school planning. Though acoustics are a problem (no really soundproof mowable partition has been perfected), flexible walls can help turn the trick. One arrest-ing example is Architect John Loon Reld's meet 10,500 and 10,500 an

But despite the California climate, Reid's \$4,03,256 "factory" school (capacity: 2,000) has almost no windows; light comes through prismate glass blocks in the cellings. It is hermetically sealed down for action that pipes hang exposed, down for action that pipes hang exposed, provided the properties of the control of the control of the virtual of the control of the control of the control of the virtual of the control of the control of the control of the control of the virtual of the control of the control of the control of the control of the virtual of the control of the control of the control of the control of the virtual of the control of

visition to tearmine?
In sharp control with the new Wayland
In sharp come School, a remarkable
\$2,560,000 layout (expacity: \$50, due to
popen this month to finles from Boston.
Designed by Walter Gropius's Architects
Collaborative. Wayland is a modified
organized according to subjects (arts, language, math and sciences, etc.). Each
center has varying-sized rooms with movsale walls—a big lecture hall, small semimar rooms, a "resource area" for individarts center has a theater and a TV studio.

Wayland's most striking architectural



WAYLAND HIGH SCHOOL'S NEW CAMPUS PLAN WITH GEODESIC-DOMED FIELD HOUSE
A place to compete with the corner drugstore.



COMMON ROOM in new Baldwin, N.Y. Senior High School can be expanded for parties, meetings by opening doors to adjacent cafeteria. Mural shows school's curriculum.

J. ALEX LANGLEY. ARCHITECT: KETCHUM & SHA

GYMNASIUM covered by laminated wood arch and deck is part of St. Joseph's Academy. Brownsville, Texas. Tower at left with statue of St. Joseph provides campus focal point.





ROUND BOWL design of 14-room Vista Mar Elementary School in Daly City, Calif., a San Francisco suburb, puts all windows on inner court, fits snugly on seven-acre site.

WAGON WHEEL pattern was chosen to make best use of space at Nathaniel Narbonne High School in Los Angeles, provides central social court, parking lot for students' cars.





HILL STEP-UPS allowed Mira Vista Elementary School in Richmond, Calif. to utilize 23-acre slope on side of Berkeley Hills for school site. Outdoor corridors are placed on northeast

side of building to shield passageways from winds and fog. Studio-type north skylights, protected by horizontal louvers against overhead sun, give schoolrooms ideal natural light.



MULTI-PURPOSE ROOM with step-down center area is hub of all activities at Warson Woods, Mo. Elementary School, is used as theater, gym, dining space and playroom.

OPEN GREAT COURT becomes interior campus for Mills High School, Millbrae, Calif. Movable metal partitions in interior allow for flexible planning of classroom spaces.

JON BRENNETS, ARCHITECT: REID, ROCKWELL, SANWELL & TARICS



feature is a field house with a geodesic dome to replace the traditional gym. Though it includes a basketball court (taken apart at season's end), the field house is not limited by the court's dimensions. The domed design yields 41,000 sq. ft. of enclosed space, including an indoor dirt track, exercise rooms, and seats for

the Wayland Town Meeting.

Gint Holf Step, Geared to collegebound students, Wayland has a Trumpbound students, Wayland has a Trumpbound students, Wayland has a trumpin the conventional classroom, 10% in the
teaching and an adviser for every 20 stuteaching and a student student and the
power of the student student student student

group discussions, carry them further
in seminars, use the "resource areas" to
vanced standing in college.

Wayland is still only a ginn half step into the fire? "say. President Harold Gores of the Ford Foundation's Educational Facilities. Laboratories. By no means is it expensive (51.440 per sq. ft.) nor so frugally designed as to be inhuman. In fact, the architects have a high ambition for it: that to the students it will be "a school which will compete with the comer drugstore."

Desegregation in New York

While Southern cities were firing legal smoke shells at school integration last week, New York City announced a historic breach of de facto segregation. A growing problem in every big Northern city, de facto segregation results from slum housing, racial ghettos and rigid school zoning laws. In New York City, where three-quarters of Manhattan's public-school pupils are now Negro and Puerto Rican, the concentration of them in some schools is as high as 100%. Negro parents complain that such schools are educationally inferior. Demanding a chance to send their children to more racially mixed schools, many of them were prepared to keep their kids at home next week in "sit-out" boycotts,

Last week, giving way to the threat the city's board of education for the first time systematically broke its own traditional rule that children must attend schools in their own neighborhoods. The new plan: students from 21 "sending" junior high schools with crowded classrooms and high concentrations of Negroes and Puerto Ricans will be allowed to shift to 28 "receiving" schools that have space for 3,000 more students. The plan will be extended to elementary schools next year, and ultimately may involve 15,000 transfers. Will the sending schools continue to be neglected educationally. and will the receiving schools be swamped with poor students? To avoid either possibility, the board promised to keep a sharp eye on standards at both ends, Said Superintendent of Schools John J. Theobald: "The 1,000,000 kids in our schools are

"The 1,000,000 kids in our schools are my kids—and I'm going to give them the best education I can give them."

Stranger in Town

Pointing a finger at Schoolteacher Franklyn Olson, 25, the justice of the peace intoned: "Young manyour crime is as serious as if you had given then marijuana citagrettes," Olson's crime; assigning five schoolboys in Thompson, Mich, to read The Stranger, by France's Late Nobel-prieswining Novelist Albert Camus, Olson's sentence: a \$100 fine and 90 days in the county jail.

Teacher Olson first read the sharp novel, one of the landmarks (1942) of existentialist fiction, when a woman professor gave it to him at Augustana College in Rock Island, Ill. A slow reader, he was impressed by the book's "con-temporary relevance" and also by its short, swift sentences. In one gulp, he downed "this story of man trying to tell the truth," and it stuck with him when he went home from college last year to Michigan's Upper Peninsula. There he applied for a teaching job in the hamlet Thompson (pop. 296), which has an odd hiring system-teacher candidates are asked to submit salary bids. Olson bid \$3,790, and wound up with Thompson's fifth, sixth and seventh grades.

Last spring Olson submitted a new bid for this year of \$4.100, and his contract was not renewed. But long before this error, Olson had made another. When five average-bright boys in his room shunned all reading. Olson remembered The Stranger's powers. To get 'them interested in reading, he gave the lads paperback editions of the book, assigned the first chapter. In short order, one 13-year-old's mother discovered "obscene" passages. She called another mother, who called the school board, which called the state police, who arrested Olson, In his nearby home town of Escanaba the Press headlined the story: TEACHER FURNISHES LEWD BOOKS TO CHILDREN.

While Olson was in jail, the state police also rummaged through his cottage without a search warrant, removed and destroyed several of his books. Among them: Crime and Punishment and One, Two, Three, Infinity, a lively treatise on numbers by Physicist George Gamow.

Unaware of his legal rights, Olson stayed in jail for twelve days without realizing that he could get out by paying \$500 bail. Then to his rescue came Attorney Clair Hoehn, president of the school board in Gladstone, a omiles from Thompson, "Ridiculous," said Hoehn, after reading The Stranger himself, 'This boy just wanted his students to have some different reading than *Run, Dick, run.'"

Attorney Hochn soon discovered something even more ridiculous: Justice of the Peace Howard Magoon jailed Teacher (Oson under an obscenity) are that Michi-Court Judge George Baldwin thew out Oson's conviction. Any "Jurid remarks" in The Stranger, ruled Baldwin, are "minor" compared to many in the Bible. But former Teacher Otson is still vainly gan's Upper Peninsula.



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CINEMA

The New Pictures

The Angel Wore Red (Titanus-Spectator; M-G-M) is a turbid Kleenex-sopper about an unfrocked priest (Dirk Bogarde) and a cabaret girl (Ava Gardner) who is frocked, but just barely, Bogarde and Gardner fall into intimate clutch during one of the first air raids of the Spanish Civil War. That very morning Bogarde had left the church because its hierarchy sympathized with Francisco Franco's rebels. But after the raid, in the kind of irony that cuts like a rubber dagger, he is hunted down by a mob of enraged Loyalists who have convinced themselves that the city's priests signaled enemy planes from the cathedral tower, (The Loyalists are represented as Communistic priest-murderers, and Franco's troops as mostly good joes.)

A good deal of heavyweight drama follows, much of it involving a holy relic that the villains want to get their hands on. Joseph Cotten honors cinematic tradition as a U.S. war correspondent. He wears an eye patch and is dressed in what looks like an Italian tailor's interpretation of Winston Churchill's siren suit. Nunnally Johnson is deeply involved; he wrote the film and directed it.

The Dark at the Top of the Stairs (Worner) is a friendly, fairly shrewd but not really profound look at some inhabitants of a small Oklahoma town. The time is the early 1920s, and this is William Inge country-several hundred miles safenorth of the swamps of Tennessee Williams and Carson McCullers, but still south of that region where Booth Tarkington's characters inhabit a perpetual fishworm and firecracker July. The people in the film made from Inge's 1957 Broadway hit have problems, but they do not include necrophilia, cannibalism or selfmutilation with garden shears; the difficulties are the sort a strong man can stare in the eve.

The strong man in question is a boisterous and usually self-confident fellow who is troubled because his wife nags him about money and keeps primly to her own side of the bed, his young schoolboy son is ragged by bullies, his daughter is afraid of boys, and he himself, being a harness salesman in the decade of the tin lizzie, has lost his job, Pat Hingle gave the Broadway role a ring of rowdiness soured by doubt, Robert (The Music Man) Preston performs rousingly in the considerably enlarged film part. But the ring of his lines is not doubt it is seventy-six trombones.

Playwright Inge's intention, put oversimply, was to show that each soul has its dark places, and that people can, with love, help each other past these stairtops. Actor Preston just does not behave like a man afraid of the dark. He roars about spending energy as if he could plow a field without a horse. The viewer knows that Preston will get another job, and can only grin when the frustrated fellow complains that his wife (Dorothy McGuire) treats him "like change from a nickel" and thunders out of the house vowing that "Ah'm goan to see Mayis Pruitt and ah'm goan to drink booze and ah'm goan to raise every other kind of hell ah kin think of."

The curious thing is that although this moving picture is schizoid, most of its faces are worth attention. The problems -Preston's apart-are convincingly presented, and in general the solutions are not pat. Actress McGuire plays a limited part well, and Shirley Knight is outstandingly effective as the tormented daughter,



PRESTON & McGuire in "The Dark" North of Tennessee south of Booth

Between shouting matches. Actor Preston gaily galumphs through some fine, if slightly incongruous, comedy scenes. Director Delbert Mann handles these scenes well, and only occasionally does he allow situations to descend to the level that is fondly known in the women's fiction trade as "heartwarming,

All the Fine Young Cannibals (Avon: M-G-M) proves once again that while inspiration may falter, color cameras never get tired. The anthropophagi of the title are four unpleasant young folks from Texas (Robert Wagner, Natalie Wood, George Hamilton and Susan Kohner). Poor Boy Wagner loves Poor Girl Wood -carelessly, as it turns out. Spurning his offer of honorable wedlock, she boards an eastbound train, meets suave Yaleman Hamilton and, smelling riches, lets herself be plied with strong drink from his portable pigskin bar. He has her way with her, so to speak. Later, learning that Natalie is pregnant and not suspecting that he is not the father, Hamilton marries the girl and rents a

mansion in New Haven that is conveniently near to classes

Actress Kohner is a young woman with excellent teeth who plays Hamilton's sister. Her lines run to such glass-crackers as "ah had to convince Mother that ah would commit mah very own suicide if ah didn't have mah way." Eventually she tries suicide her very own way, and the script implies that her parents are largely to blame. In fact, the film is very severe with parents: all the brats have culpable elders.

Soon the scene shifts from the sinful luxury of the Ivy League to the saloons of New York. Actor Wagner, the Texan left behind, has become a huge success as, of all things, a trumpet player. To spite Natalie, he marries Susan, which seems to be carrying spite too far. For a while it looks as if the four young marrieds will not live happily ever after, but the only character who comes to a bad end is Singer Pearl Bailey. She is supposed to be a blues singer dying of unrequited love. but actually her malady looks more like

Day of the Painter (Little Movies). an extremely funny 15-minute film, may be taken as a solemn leg-pull of the recent vogue for dribble-and-splotch painters, those athletic canvas-coverers whose style owes less to Van Gogh's brush technique than to Stan Laurel's custard pie stance. Or it may be taken as an explicit set of instructions for getting rich.

The film, a first-time effort by three ex-admen, begins with a loving shot of wharfs, fishing shacks and the sounding sea-the sort of vista once sketched avidly by artists and now appreciated chiefly by retired couples who tour Cape Cod in late September. The artist is a burly fellow (Ezra Reuben Baker), recognizably aesthetic in paint-smeared dungarees, scurrilous red sweater and combat boots, He trundles a cart filled with paint buckets along a dock, then throws an enormous sheet of wallboard down on a mud flat ten feet below.

Soberly, with exquisite skill, using first a vigorous forehand, then a precisely executed backhand, the painter slops color from buckets. Clearly he is a master, for his stroke with the long-handled hoe is sure and strong, his touch with the dribblestick more than Japanese in its delicacy. And when he fills a flare pistol with paint and fires the last accent of orange at his abstraction, he does not pull the trigger. He squeezes.

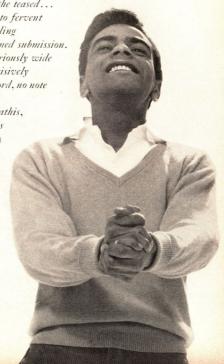
When the thing dries, he backs it up in random rectangles with a power saw, then carefully signs each fragment. A seaplane, labeled "Galerie des Abstracts, Paris-New York," touches down. A man debarks whose rich, dark overcoat obviously proclaims him an art dealer. He strokes his jaw as he examines the paintings, eventually selects a small one, shakes hands with the painter and takes off. Pleased with himself, the painter matterof-factly shoves the remaining works of art into the ocean. This, as the screen truly proclaims, is the end,



of every song he sings. He is the star-crossed suitor ... the open-hearted innocent ... the tempter ... or the teased ... urging rhythms into fervent excitement or gentling ballads into charmed submission. His voice is luxuriously wide of range yet so incisively focused that no word, no note is left to chance. To understand Mathis.

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How SPAM—cussed and discussed by GI's the world over—is today gaining an even bigger market than ever before.

One of the best known symbols of World War II was SPAM. It traveled around the world to war-torn countries fortunate enough to receive SPAM as part of American lend-lease. But GTs, with a contempt bred by overfamiliarity, would tell you that 'SPAM is ham that didn't pass its physical." And, at one time or another, millions wowed never to eat another bite.

Perhaps they didn't count on the healing effects of time ... or perhaps they really had a hidden fondness for SPAM. But, only a few years after World War II, SPAM was once again a family favorite. By 1958, it was the most popular 12-ounce canned meat on the market, accounting for 41% of all sales in its field. But where, Hormel wondered, could it go from there? And how could it best meet the heavy competitive fire always directed at the top product?

At that point, Hormel and its advertising agency, Batten, Barton, Durstine & Osborn, turned to Reader's Digest. And so began another remarkable chapter in the saga of SPAM.

Higher sales by the advertisement

Says-R. D. Arney, vice president in charge of Hormel's Flavor-Sealed division:

"Even in the face of a then declining market for 12-o.c canned luncheon meat, Sraat sales went up. In 1959, we advertised Sraat five times in the Digest and sold 6,600,000 more cans than in the previous year—or 1,320,000 more cans per advertisement. In total colume that meant an increase of over 10%. It raised our share of market to 45%."

For Dinty Moore Beef Stew and Mary Kitchen Roast



"Easy, son—your Uncle Joe and I haven't had seconds on SPAM yet."

Beef Hash, Mr. Arney reports equally satisfying results:

"These brands have been faced with more and more competitors-most of them selling at lower prices. By using the Digest we reach a huge and prosperous audience that is interested in quality-and can afford to pay premium prices for our top-grade products.

"As a result, we have held our share of market from coast to coast. And this tough competitive job has largely been done through the Digest."

In 1960 Hormel is again putting the largest slice of its advertising in Reader's Digest.

Same advantages can work for you

Your company can benefit from the same advantages that are making Hormel's advertising so effective. For example, because of the wealth of stimulating reading in the magazine, the typical Digest reader looks into each issue about five different times. Result:

This audience of 35 million people will look at your own advertisement-in one issue-over 60 million times. That's double the chances to sell that you would get in the other leading magazines studied in the latest Politz research . . . giving you a significant cost advantage.

And the advantage over TV is even greater. For each thousand chances to sell (or "exposures"), the cost is less than half that of television.4

Reader's Digest also offers these other exclusive advantages to help your sales:

1. The largest proven audience of readers. It is larger than any other magazine, larger than any newspaper or newspaper supplement. More people read the Digest than look at the average

nighttime network television program.

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MILESTONES

Died. Hazza Majali, 44. pro-Western Premier of Jordan for the past 16 months, a tent-dwelling Bedouin chieftain's son and a Syrian University lawyer; in a bomb explosion; in Amman, Jordan (see FOREIGN NEWS).

Died, James Shamus ("Jimmy") Slattery, 56, stylish, lightning-quick "dancing master" of boxing from 1921, to 1935. onetime light-heavyweight champion; of tuberculosis, which he had been fighting since the early 1940s; in Buffalo, where he had worked in recent years tending roses in a public park.

Died, Martin D. Whitaker, 58, nuclear physicist and president since 1946 of Le-high University, who during World War II organized and directed the Clinton Laboratories at Oak Ridge, Tenn., which pioneered in the production of plutonium for use in the first atomic bomb; of cancer; in Bethlehem, Pa.

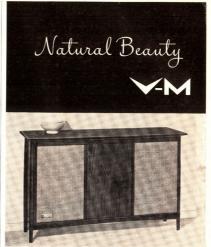
Died, Sir Hisamuddin Alam Shah, 62. Paramount Ruler of Malaya since his election to a five-year term last April under the Federation's unusual rotating kingship system, a onetime farmer, who became Sultan of the state of Selangor in 1938; following hospitalization for a viral infection; in Kuala Lumpur, Malaya.

Died, Dowager Lady Bailey, 69, only daughter of the fifth Baron Rossmore and widow of South African Mining Magnate Sir Abe Bailey, a dauntless aviatrix who after learning to fly in 1926, soon set an altitude record for light planes, subsequently survived at least three forced landings-in Russia, Tanganyika and the Sahara-to ferry World War II craft for the R.A.F. at age 50; of cancer; in Cape Town, South Africa.

Died. Vicki (born Hedwig) Baum, 72, a Viennese-born harpist and Berlin magazine editor, author of more than 30 novels, who-following her 1931 bestseller and Broadway smash, Grand Hotel-took up film writing in Hollywood ("where, thank heaven, I failed, and so saved my life") and U.S. citizenship ("I fell in love with the country"), but never again equaled her first success; of leukemia; in Hollywood.

Died, Dr. G. (for George) Canby Robinson, 81, medical administrator and a pioneer in psychosomatic medicine, director of the New York Hospital-Cornell Medical College Association from 1928 to 1935, and head of the World War II American Red Cross Blood Donor Service which raised 13 million pints of plasma for the armed forces; after a long illness; in Greenport, L.I.

Died. Dr. Francis Everett Townsend, 93. California visionary, whose pension plan never came to pass; of pneumonia; in Los Angeles (see NATIONAL AFFAIRS).



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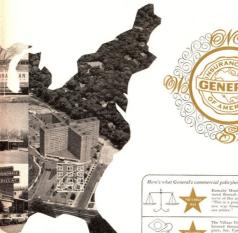
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Burnaby Municipal Hall, Burnaby, British Columbia. In-sured through C. "Tip" Robertson. Mr. Alan H. Emmott, reco of this growing Pacific Coast metropolitan area, says: "This is a progressive community and we like the progres-



The Village Green Motor Hotel, south of Eugene, Oregon, Insured through Marsh & McLennan-Cosgrove & Company, Inc. Carlton Woodan, President, Woodan Hotels, Inc., says: "General's 'Motelowners Combination Policy' is talefor-made to my needs. General does a better job of combining the three basic requirements of any insurance simplicity, price and complete protection."





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Breck Medical Center, Rock Hill, Missouri. Imured through the Mueller & Milford Insurance Agency, Donald E. Breck-enridge, owner of his modern new medical center, says: "Being a General Treferred Rik' has meant substantial savings to me. My agent's service and General's prompt and fair settlement of their own claims is second to none in my experience! They're good recept to do business with."



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Darlington Apartments, Atlanta, Georgia, Insured through



HOKUSAI'S "TUNING THE SAMISEN"

"Every Line Will Be Alive"

At 80, he was found one day weeping at his workbench because he thought that he had not learned enough about the art of drawing. On his deathbed nine years later, he cried out in anguish, "If heaven would only grant me ten more years, or only five, I might still become a great artist." Katsushika Hokusai need not have so tormented himself; by the time he died in 1849, he was one of the finest-and certainly the most appealing-painters Japan ever produced. Proof of his talent could be seen last week at the Smithsonian Institution's Freer Gallery, which this summer decided to honor-with a rare exhibit of Hokusai paintings and drawings-both the 200th anniversary of Hokusai's birth and the rooth anniversary of the treaty that opened Japan to the West.

Born in the old capital of Edo, where Tokyo stands today. Hokussi was brought up by a maker of mirrors from whom he learned the rudiments of design. But before he settled down to being an artist himself, he took on every kind of work from running errands to selling red peppers to writing theap novels. Fortunatepers to writing theap novels. Fortunatepens to attract attention and soon bepared to the property of the property walked through the mouth of the subject. He also painted a couple of sparrows so small that they could be seen only through a magnifying glass. On another occasion, he astounded the Shogun Ienari by doing a kind of pioneer action painting. He dipped a rooster's feet in some paint, let it wander across a wide piece of paper, triumphantly labeled the result: Maple Leaves Floating on the Tatista River.

93 Homes, 50 Nomes. If no brush was available, he would paint with his fingers—or with an egg, a bottle or a cucumber. During the famine of 1846 he kept not be suffered to the control of the control of

Except for one daughter, his children and grandchildren turned out to be a band of ruthless spongers. And Hokusai himself never did understand about money. He would pay off a shopkeeper's bill with a packet of yen that he had not even bothered to count. When all such packets were gone, he would escape his creditors by simply moving out of his house. In 89 years, he had 95 homes and used at least

Old Man Mad. But for all his eccentricities, he faithfully lived up to the name he gave himself at 45—"The Old Man

Mad About Painting." He was one of the last of the great masters of the School of the Floating World. The term has never been satisfactorily explained, but many of Hokusai's creations do have an ethereal quality that makes them seem to hang in mid-air. Legend has it that some of his drawings were used to wrap up feeces of drawings were used to wrap up feece of this way, so the story goes to was discovered by the impressionist.

He was above all a supreme draftsman whose impeccable lines and fragrant colors could bubble with humor or sing with sadness. A drunkard tipsily shows off his strength by weight-lifting a barrel: two men get happily looped on a sake binge; a maiden frowns over a sour note she has struck while tuning her samisen; a ragged little urchin sits perched in a tree while majestic Mount Fuji soars incongruously in the distance. Under Hokusai's brush, Japan emerges as more than a floating land of stylized ritual; he had learned the secret he did not expect to know until he was 110, when "every dot and every line from my brush will be alive.

The Individualists

Only a year or so ago, almost every major showing of current U.S. paining concentrated on the abstract expressionists. Either there were more of them, or they painted better, or the museum directors are branching out. This week Manhattan's Whitney Museum of American Art opens a new show of artists in their 20s and early 30s that gives a good—and broader—ampling of what the new generation is up young painters—the exhibit is unever, what is most refreshing about it is the extraordinary individualism of its artists.

One of the youngest of the group is William Thomas Wiley, a 22-year-old student at the California School of Fine Arts in San Francisco. Something of a beatnik, Wiley was until a year ago "yery high on then suddenly he began concen-Zen ' trating on the everyday things he saw around him. He started painting bits of Americana-striped bunting, an Angel of Liberty, eagles, cops and kids-"because I was almost ashamed I hadn't been seeing these things before." His Fire Crackers Sold Here only suggests the firecracker stand; the rest cracks and blazes like July 4 itself. "I have started with the obvious," says Wiley, "which I hope to



NEWMAN



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BORN DEAF, Californian Morris Broderson paints mute square figures alone in their static silence. In Chicken Market, even fowl strain, but fail to make themselves heard





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the things I see and love.

Un-New, Un-Angry, German-ben Siegrified Reinhardt of St. Louis has had no formal art training, but by the time he was eleven was intent on becoming a painter, A big (6 ft, 2 in.) and muscular 5, he went through an abstract phase ("esthetic nonsense," he calls it now, has since developed a wholly figurative style, which he boasts is "un-new, un-experimental" and "un-angry." His main subject now, he says, is humanity, seen as the external lonely croud—a torrent of faces extend lonely croud—a torrent of face architectural settings that are unrelated to any recognizable balse in the world."

Two of the Whitney artists are Orientals -Ben Kamihira, 35, a Japanese American, and Dale Ioe, 32, whose grandparents came from China. Kamihira's figures are as recognizable as Reinhardt's, though he may start a canvas with no more inspiration than a desire to paint a pleasingly faded couch. But, as in his sensual bedroom scene Interior or his somber Funeral Coach, his pictures have a way of building into scenes of complexity and grandeur. Dale Joe, on the other hand, produces abstractions as delicate as gossamer. "I may start with a bit of the human body," says he, "and it becomes a landscape, or I start a landscape and there's a human leg in it. Once I began a landscape with trees. Then I destroyed the trees, which destroyed the perspective. It became an aerial scene in the manner of Chinese painting. But there was one arm left in it that threw the whole painting off equilibrium. Everything calm was in that area, so I called it Pocket.

Fierce but Lyrical. Daniel Newman, 31; whose Temport is show here (see color), earns half his living teaching acting and pantomine in New York's Rockland County. As in acting, he looks for "sestures that are instanly reconitable for all men anywhere." and he finds these escutures in the novement of the elements. See the control of the control of the control fierce but lyrical—as is nature itself—in the swift of the wind, the leap of fame, a

cascade of water.

Chicken Market (see color) is the work of Morris Broderson, 31, who lives by himself in a small rented house in Los Angeles. His childhood was spent in a series of schools for the deaf, and in time he learned to read lips and to talk, though he must often resort to scribbling out his thoughts on the big vellow pad he usually he puts things on canvas that should be compassion. In Tijuana, he once saw the carcass of a bull that had just been killed in the ring, and upon it the toreador had placed some red roses. After that. Broderson did a series of dead bulls whose ers. Once a friend told him of having seen a small child wandering through a field "listening to the sound of flowers." Says Broderson: "This is a theme I'll be working on for the rest of my life. To me it is a beautiful thought.

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TIME, SEPTEMBER 12, 1960

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SCIENCE

From Way Out

At Volcano Ranch, 20 miles west of Albuquerque, a group of 19 small, cooplike structures covers a grassy, mile-wide plain. Inside each coop are four disks, each one meter across and wrapped in black plastic. From the disks, cables run to a central building crammed with oscilloscopes and other delicate gear. Last week the Massachusetts Institute of Technology, institutional proprietor of all this apparatus, announced that it has detected a cosmic ray (high-speed particle) that came to the earth from a foreign galaxy millions of light years away in the far depths of space. This was eye-opening scientific news.

Cosmic rays have long been a fascinating and controversial subject among scientists. It is generally agreed that most low-speed cosmic rays are particles shot out of the sun, but that those with higher energy must come from somewhere else. The late Enrico Fermi thought they came from interstellar magnetic fields which gradually speed up protons and other charged particles moving between the stars of the Milky Way galaxy (the earth itself is a smallish satellite to one of the smaller stars in this galaxy). But this theory could not account for rays whose energy is above a critical limit. The galaxy's overall magnetic field can make fairly powerful rays curve enough to stay inside it, but if the rays acquire more than about 1018 (1 billion billion) electron volts, the galactic field cannot hold them. Such rays will shoot off and be lost in intergalactic space. So cosmicray experts reason that if rays hit the earth with more than 1018 electron volts. they must come from some unknown accelerating force that works outside the

Counting Showers. For many years Professor Bruno Rosai of M.I.T. has hunted for cosmic rays above this critical limit. The original energy of a cosmic ray can be measured by counting the second ary particles that it showers down on the earth after colliding with air molecules in the high atmosphere. If its energy is 10th erates millions of particles, mostly elecerates millions of particles, mostly electrons and mesons which spread over many acres of ground. More powerful rays give even bigger showers.

Rossis ny cutient at Volcano Ranch is an array cutient state and the same array cutient state are the same array cutient state are the same array cutient state and the same array cutient state and the same are the

The detector started work last fall, and on Dec. 3 Irma Argandoña, a student from Bolivia, noted by scanning the raw data that something unusual had happened at nine minutes after midnight. She gave the record sheet (No. 026508) to Dr. John Linsley, one of her immediate superiors at the Volcano Ranch installation, but he put it aside for more pressing matters. Seven weeks ago it was processed and sent to the Kirtland computer—thence back to Volcano Ranch for final appraisal.

Computer Gives Up. There, late one night four weeks ago, Dr. Linsley was studying a pile of computer reports from Kirtland. He came to the Dec. 3 shower. The report started like many others, but toward the end the computer wrote in effect: "I give up." Linsley said to his



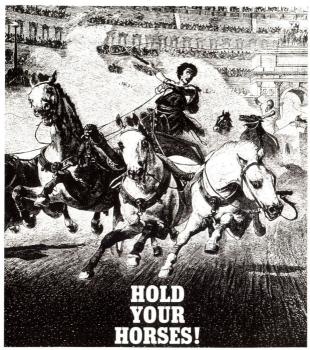
RAY CATCHERS LINSLEY & SCARSI After billions of years, a shower.

wife, "I see something crazy," and went to work with his slide rule. Half an hour later he telephoned his colleague, Dr. Livio Scarsi: "I think we may have something."

Next morning the shower caught by Record No. o26505 went back to the Kirtland computer for a special full-dress exciting news. The shower peppered the ground with 10 billion particles, and when it hit the atmosphere, it carried 20 to 20 billion billion electron volts. This made detected. Its energy far above the critical limit, proved that it must have come from outside the Milky Way galaxy. Very likely it had been traveling for the provious of the control of the cont

How Insects Fly

With their proportionately bulky bodies supported by puny wings, many flying insects look about as airworthy as a Mack truck. French Zoologist Antoine Magnan once studied bumblebees for several years, reached the conclusion that their ability to



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... closest thing to a second shave

fly defied all known physical principles. The secret of this kind of flight lies in rapid wing beats. The tiny midge beats its wings 1,000 times per second to stay airborne, each beat contributing a minute amount of lift.

Scientists have long known that the muscle contractions necessary to produce these rapid wing beats are not triggered individually by nerve stimulus, as in birds, Nerves cannot work that fast. How then does the midge fly? In Britain's New Scientist, Professor Vincent B. Wigglesworth, extracting reports by other European scientists, supplies the answer: midges-and presumably other similar insects-are automatic flying machines. A midge's muscular motor works in much the same way as a piston engine. Once the ignition is turned on, the engine keeps running until the ignition is turned off or the fuel exhausted.

Midge flight is controlled by two sets of opposed, springlike muscles in the insect's thorax. Acting through elastic structures in the thorax wall, one muscle set draws the wings up, the other pulls them down. At a specific point on the up-swing, the wings "click" to a fully elevated position, the elevating muscles automatically relax, and the tautly stretched depressing muscles take over. The same sequence is repeated on the downswing, The flying muscles do not need to be triggered by nerve commands. The insect's nerves serve only to start and stop the process-like the car's ignition.

Insect muscles that burn fat are fairly economical, but those that burn carbohydrates such as glycogen are lavish with fuel. Reports Wigglesworth: the carbohydrate-fueled fruit fly, Drosophila, can stay aloft for five hours at a stretch, but it beats its wings 250 times per second, and it burns up 10% of its body weight during an hour's flight-proportionately as much fuel as a 600 m.p.h. iet airliner. Drosophila's cruising speed: 2-3 m.p.h.

Do-It-Yourself Taxidermy

"It's getting harder and harder to find a good taxidermist these days," says John Anglim, chief of exhibits at Washington's Smithsonian Institution, "Young people just don't go into this field any more. For the Smithsonian-which normally emplovs six taxidermists-and for other U.S. museums there is good news; an inexpensive, do-it-vourself process that may make the taxidermist's knife and needle as obsolete as a black snake's cast-off skin.

Responsible for the method is Dr. Harold T. Meryman of the Naval Medical Research Institute at Bethesda, Md., who stumbled onto the new-type taxidermy at his home snared an unsuspecting cardinal. "I felt so bad about it." savs Meryman, "that I decided I ought to give the Biophysicist Meryman, 39, tried an experiment. Posing the cardinal carefully, he first froze its joints into position with liquid nitrogen, then popped the bird into his kitchen freezer. When the moisture in



MERYMAN & FROZEN-DRIED FOR Next: people?

the bird's body had turned to ice. Meryman used a vacuum pump and a chemical desiccant to remove the water in the form of vapor from the frozen body. The result: a thoroughly dehydrated but intact specimen suitable for display.

Meryman's office now looks like a wildlife refuge. A red fox poses hungrily on a bookcase. A black crow, wings outstretched, sits on a windowsill, Brightly colored small birds perch on pencil tops, and a brown bat swings malevolently from the ceiling, suspended by a nearly invisible wire. All look amazingly lifelike, preserved by Meryman's "freeze-dry" process and apparently able to stay in good condition indefinitely. The fox was shot by Meryman when it invaded his hen house, "He accounted for 27 hens." Meryman, "before I freeze-dried him." The other specimens were collected along the shoulders of busy Southern highways. Savs Mervman: "I'm always looking for well-preserved traffic casualties.

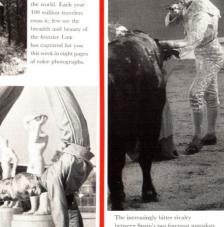
The freeze-dry technique is not new: it has commonly been used to preserve water-soluble drugs and blood plasma. But Meryman was first to apply it to taxidermy, and he has accumulated abundant data on the drying time of various animals. Small insects take only 24 hours to freeze-dry. A garter snake needs eight days, and a red squirrel requires four to six weeks in the vacuum chamber, From the scientist's point of view, freeze-drying has one big advantage over standard commercial taxidermy: the animals' internal organs remain intact, can be reconstituted for study or dissection simply by restoring their water.

Meryman has been retained as a Smithsonian consultant, is in Europe now to lecture on freeze-drying. In the meantime. he is looking for new applications of the freeze-dry technique. One possibility: embalming. "What I really need." says Meryman, "is volunteers,



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The U.S.-Canadian border stretches 3,987 miles, the longest undefended boundary in

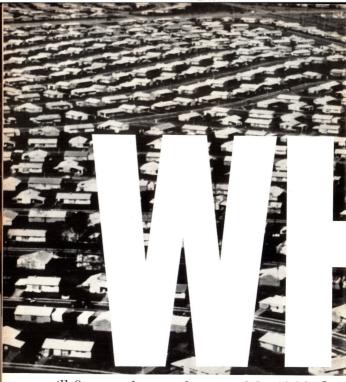


between Spain's two foremost matadors draws one of them closer to destruction in this week's exciting instalment from The Dangerous Summer, Ernest Hemingway's brilliant new book.

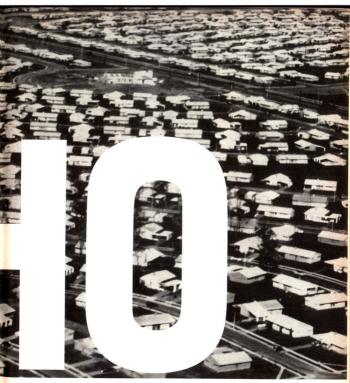


Victories-and stunning defeats-marked the U.S. Olympic team's first week of competition in Rome. You'll see it all in LIFE's on-the-spot word and picture report that includes four pages of full-color photos.





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BUSINESS

STATE OF BUSINESS The Great Question

The plateau position of the U.S. economy is a subject of discussion and debate not only in the U.S. but around the world. The big question: Will the U.S. slide into a recession or take off on another rise?

London's Economist led the field in concern for the health of the patient. In an article called "Recession Round the Corner?" it reported that "Government officials in Washington are beginning to ask themselves privately whether a recession is in the making. A number of businessmen and responsible economists think that a decline is already under way."

The Economist's view raised the ire of Raymond Saulnier, chief economic adviser to the President, who wondered whether any "Government economists" feel as the Economist reported. He, for one, sees no recession in the near future, Said Saulnier: "Bear in mind that the U.S. economy is operating at a very high level, whether measured by employment, by production or by the aggregate of income payments. Furthermore, there are strong forces at work that favor further advances: the greater availability and lower cost of credit, high and rising incomes, a high level of retail sales, and-by no means the least-stable prices.

"The Dreppening Boom." But the Economist's non-month of the Economist's not become and the Economist's wife in the Economist's which is the Economist's manual that it is more than a year, it has been evident in that a real boom in the American economy is impossible. "The London Financial that a real boom in the American economy is impossible." The London Financial Times predicted that "this year seems fatted to go down in history as the year of the disappearing boom." Giro Koike.



Economist Saulnier
Recession? Not in the near future

senior managing director of Japan's Yamaichi Securities Co., said that many leaders of Japanese industry, who are watching the U.S. economy, feel that the U.S. has entered a definite plateau and may be in for a period of readiustment.

Along with their concern that the U.S. economy's performance is not up to par many European businessmen also worried about economic conditions in their own front yard. Says Cristiano Garaguso, chief of the Rome office of 2x Honey, Italy's most authoritative financial daily. "There was the control of the Come of the C

Khrushchev Disease. In the U.S., few strong voices were predicting imminent recession, but there was concern over the failure of business to move forward energetically. Boston Fund, Inc., a mutual fund, reported that it is "not too optiabout the economy. Banking, journal of the American Bankers Association, blamed the lack of boom spirit in the economy on the uncertainties of the November election and on "Khrushchev disease, a sort of exquisitely planned economic and political confusion." From Detroit came the gloomiest reading of all Writing of the national housing picture in Midwest Housing Markets, President Irving Rose of Advance Mortgage Corp. reported that "housing activity, both new and used, is in decline in most of the cities in our survey, for the third consecutive quarter. We may have to adjust to a lower level of housing activity than we were accustomed to in the decade of the 50s. Housing may have lost much of its usefulness to the managers of the national economy as a contracyclical weapon.

Rolling with the Punches

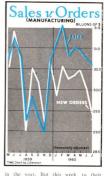
From the Commerce Department came some disquieting news: according to the latest figures (July), manufacturers as a group have stopped adding to inventories.

The rush to replenish inventories after the steel strike was one of the factors that got the year off to a good start, caused a hety 8000 million increase in inventories in January. But because of business caution—and better inventory controls (TDML, July 11)—many manufacturers, especially those who overstocked, have been steadily cutting down each month on what they buy for their inventories.

In July, reported the Commerce Department, inventories showed a net decline of \$200 million (to \$44,0 billion), this preaking through the no-purchase point for the first net decline in nine months, What this means is that inventory buying has all but dried up, and that manufactures have been also been als

Dork Side. The drop in inventories is a foreboding sign to pessimists. For one, companies that are using their shelf stock to meet sales will eventually have to replenish their stock. But what pleased Government economists was the inventory decline's minor effect on the economy. Although inventory retendment has been gloing on for months, the economy has been able to absorb the loss without any great damage. The question now was how long the inventory decline would

What about the rest of the year? Economists agree that third-quarter gross national product figures will show almost no increase over the second quarter. With all the recent talk of recession, they had begun to fear that expenditures for plant and equipment might fall off later



in the year. But this week, to their relici, new spures showed that expenditures are likely to run at a flat \$37 billion, only a fraction below what shad been earlier expected. Department-store sales also continued strong, running 4% ahead of last year for the last reported week, 2% ahead for the year so far.

Sheal is the Key. What happens for the rest of 1960 depends very much on the steel and auto industries. Just as the 1958 summy are sensitially an auto slump, so 1960's sluggard economy has been further braked by the poor production was select. Last, week steel upon the steel of the steel steel steel steel the steel steel

ter. Since January, reported the First National City Bank of New York, indianational City Bank of New York; indiatrial production has shown "a classic pattern of rolling readjustment." Right now, that readjustment shows just enough recessive tendencies to prevent the economy from moving forward strongly but not enough to knock it into a recession. If auto sales live up to hopes, the whole picture could change rapidly

RAILROADS

Strike on the Pennsy

At 12:05 one morning last week, bluster, bost-forting Mike Quill, boss of the AFLC-LO. Transport Workers Union, walked up to union pickets outside Philadelphia's 30th Street Station. "Got to get some exercise, boys." he said in his carefully nurtured County Kerry brogue, and took a picket sign and began to march. Thus last week did Mike Quill's T.W.U. along with the System Federation union, shut down the Pennsylvania Railroad for Jone When Coulling Workers, and the System Federation union, shut down the Pennsylvania Railroad for Quill grawded; P. Shishory, To newmen Quill grawded; The Shishory, To newmen Quill grawded; 114 kilostop one it un again, 114 wears to open it un again.

Although Quili's union and System Federation have only 20,000 Pennsylvania maintenance employees, the strike three out of work another 52,000 Pennsylvania traimmen, engineers, conductors and office employees. Canceled out by the strike on the nation's biggest freight and passenger carrier were 722 daily passenger trains, and 870 freight trains, which run

through 13 states.

First Casuelty: the Commuter. It is first by the strike were the space commuters who ride the Pennsylvania into New York City and Philadelphia. Thousands piled into private cars and buses to make their way to work through humper-make their way to work the work of the cars and the strike also closed down Manhattan. The strike also closed down Manhattan's Pennsylvania Station. This forced the Long Island Rail Road, which uses in Ouena.

The basic dispute is the unions' demand to have exclusive rights to maintain and repair most of Pennsylvania's equipment, drastically limiting Pennsy's practice of farming out equipment for repair, and to take over the pipe work now done by the Brotherhood of Maintenance of Way 1. Greenough relised to allow this, contends that this is a union jurisdictional dispute that does not concern the management. The unions also want a clause that would rigidly define each job and assure would rigidly define each job and assure the properties of the properties of the stope of the properties of the stope of the stope of the properties of the properties of the stope of the properties of th

The dispute has dragged on for 38 months. Twice the issues were submitted to impartial arbitrators, including a fact-finding committee appointed by President Eisenbower. Each time the railroad accepted the recommendations, but black-thorn-toting Mike Quill spurned them.



T.W.U. Boss QUILL
A local nuisance went national

Last week, before the union broke of negotiations 200 minutes before the strike deadline, the railroad had made concessions which it estimated would amount to about \$8,000,000 a year. Cried the Pennsy's Chairman James M. Symes "There you have not been found to the strike. Good progress to the own for this strike. Good progress to the property of the property of the property of the property of the public welfare for his own purposes."

Fiery-tempered Mike Quill has never seemed much concerned about the public welfare. Boss of the small (130,000 members), belligerent T.W.U. since 1936, Quill seems to get a special delight out of threatening strikes. Even the labor-loving

New York Post scored Quill's "the public be damned" attitude. Said the New York Herald Tribune: "It is now evident that Quill, regarded by New Yorkers as purely a local nuisance, is a national nuisance."

Strike Insurance. So far, the effects of the strike on industry have been slight. For the Pennsylvania, the strike was costby. The road has already lost \$8,18,46,40 this year, estimates it will lose \$8,260,000 a day in passenger and freight revenue because of the shutdown. But one factor because of the shutdown. But one factor cut and the shutdown of the shutdown as the estimated by Quill will receive payments estimated by Quill will receive payments of the nation's biggest railroads of the nation's biggest railroads of the nation's biggest railroads.

At week's end the National Mediation Board's Chairman Francis O'Neill was still trying to bring the railroad and union together to resume talks. Cries Quill: "We are sitting on our original proposals. This is going to be a long strike."

AUTOS

Detroit at Work

Out on General Motors' testing grounds at Detroit one day last week, Chevrolet rolled its 1961 models for a press preview of the most complete line of compacts of any U.S. automaker. The new Corvair line includes all but a convertible, extends even into compact buses, until now turned out only by European automakers. The new models:

6 The Greenbrier Sports Wagon, which closely resembles the Volkswapen Micro-Bus, with the driver's seat set over the front acle in a bodile body over a 9-sin, wheelbase. The Greenbrier, turned out in agy colors and suitable as a small bus, mobile office or camping car, carries up to meet passengers. There is a panel version meet passengers. There is a panel version of the property of the propert

TIME CLOCK

THREE-MAN SPACE SHIP contract will be awarded by National Aeronautics & Space Administration by year's end. NASA is eager to proceed with \$1,000,000 feasibility study for an advanced manned space vehicle to be built between 1962 and 1952, used on actual probes between 1965 and 1970.

IMPORTS TO U.S. fell in July, were estimated at \$1,119,000,000, or 10% below July of last year. U.S. exports continued uptrend, were 22% ahead of July '59.

BEST-RUN COMPANIES in the U.S. were picked by panel of 171 U.S. were picked by panel of 171 View. First five in order DE 1. R. R. View. First five in order DE 1. R. Pont, General Electric, General Mochors, International Business Machines, and the Minnesota Mining & Manufacturing Co.

PILOTS' REBELLION is brewing against Air Line Pilots Association President Clancy Sayen. A group of Eastern Air Line pilots have persuaded James Landis, Manhattan lawyer and onetime Civil Aeronautics Board chairman, to run against Sayen for the A.L.P.A. presidency in the November elections.

JAPANESE APPLIANCES will be sold in U.S. by Matsushita company, with its own dealer organization under its own name. Matsushita, top Japanese appliance maker, will introduce four transistor radio models, sell photoflash bulbs and a photoflash gun, may later also market refrigerators, washing machines and other housewares.

VOLKSWAGEN SALES grow despite success of U.S. compacts. World's fourth-largest ut producer, reports worldwide sales willion Worldwide sales willion Wagen now accounts for 40.5% of all West German auto production. Volkswagen solves in 1959 v. 78,000 in 1958. Sales this year are up from 1959.

THE URGE TO MERGE—

Why More Industries Say: "I Do"

NOT since the 1920 has U.S. business been so caush up with burge to merge. Among U.S. firms, mergers jumped from 846 a year in 1955 to 1.050 last year. At that immercans in the properties of the properties of the second of the properties of the second of the properties of the prope

Today's mergers are different from those in two previous waves: at the turn of the century, and in the 'zos. In the first, the trusts swallowed up every company they could to build monopolies and stifle competition. In the second, small companies got together to meet the competition of the giants.

One big reason for the new wave is the tax laws. The man with a family-owned company today often goes out actively to seek merger with a bigger company. He thus not only gives himselfer the company. He thus not only gives himselfer in the companies also look on the tax losses on the books of a money loser as a goi inducement to merge, since the loss can be used at the Internal Revention of the companies also on the town of the control of the companies also make the companies also make the companies and the control of the companies and the companies and the companies of the companies and the companie

Mergers are also prompted by the fear of being caught with a single product in an age of rapid technological change and widespread diversification. "There is a realization now as never before that new products are a vital source of new profits," says Partner Wilson Randle of Booz. Allen & Hamilton, management consultants. "You can get a new product through research and development-or you can go out and buy it. Research and development might take three or four years. A merger can do it overnight. There are also personal reasons for mergers, Example: Chicago's Consolidated Foods recently bought out a family firm whose owner sold it so that he could finally have his brotherin-law fired.

In earlier days, a comparation was expected to sike to what it knew best. But stringent amitirus laws now discourage fast-growing companies from mergers with companies too close to their own felds. Result: many companies are forced to move into an entirely different line in an effort to increase their profit margins. Once they have made such a move, they find it even easier to ontine diversitying. Providence's Textron, caught in the ailing textile industry, has set a record since 1955 of 29 mergers into such fields as electronics, automotive parts, aluminum products and optical equipment. Textiles, once Textron's sole source of income, now account for only 16% of company sales—and company profits have tripled.

In the merger-happy food industry, Consolidated Foods has made 20 mergers since 1951, has increased its return on its capital investment from 7.5% to 10%.

Some 60% of all mergers are, like Consolidated, still within the same basic industry. But there is a growing tendency and the same basic industry. But there is a growing new products, or new products, and products, and products and products of the products of t

Most economists agree that mergers offer no sure solution to the troubles or shortcomings of a company. Nor do they guarantee growth and a big do they guarantee growth and a big a sure of the sure o

Like marriages, of course, mergers do not always work. Eligin Watch merged with American Microphone (Co. in 1955, divorced the company three years later because of economic incompatibility. Says Ralph Nelson. a member of the research staff of the National Bureau of Economic Research: "Some companies are getting their fingers into so many pies that I'm pessimistic they can make the consolomeration work."

Nonetheless, mergers are generally beneficial in an expanding economy, They are most numerous when business is good, help protect companies against a recession. They also contribute to expansion by encouraging the release of money tied up in a matured industry, such as textiles. into a young growth industry, such as electronics. Rather than stifling competition, they often intensify it. By its mergers, Remington Rand forced IBM to work harder to develop its own computers until IBM now heads the field. Mergers can thus be a tonic to corporations so long as they are not used as a substitute for healthy internal growth.

and have a closed cab with open cargo space behind. One of the models has a side ramp for easy loading.

¶ A four-door, six-passenger station wagon on a 108-in, wheelbase,

The Corvair sedan is virtually unchanged in appearance. Major mechanical improvement: an air heater that takes its heat from the engine replaces the gasoline heater, which sometimes costs Corvair drivers as much as eight miles per gallon in winter.

Smaller Big Cars. The standard-size Chevrolet is also getting the neat, compact look, Gone are the flamboyant fins; the rear is trim and flat. The car is also getting smaller, is 2.4 in. narrower and 1.5 in. shorter.

Oldsmobile, which last week introduced its F-85 (Time, Aug. 8), first of the General Motors luxury compacts, has also cut the size of its standard cars by as much as 5½ in. in length and 3½ in, in width.

Chevy Chief Edward N. Cole is no only optimistic about Chevy's alse but about those for the whole industry. Chevy is heading toward its best year in history, has sold more than 1.200,500 cars, up 15% over 190,00 with the Corral accounting for almost all of the increase. Looking the predicts alse of 7.000,000 for the 4.000 predicts alse of 100,000 come 150,000 foreign-car sales, or almost all of the three three predicts also this way.

Clouding Coles rosy prediction is a record number for this time of year of 85,000 new cars in dealers' hands, enough to last for about 56 days at the current rate of sales and 125,000 more cars than were on hand last year. To move them, automakers are offering bonuses to dealers as high as \$255 of re each sale, but many the sale of the sale of the sale of the sale sale and the sale of the sale of the sale sale of the sale of the sale of the sale of the steam was sales held last saring.

The Production Push. So far this year, the U.S. auto industry has sold 3,990-470 cars, a 7% increase over 1950, but sales have dipped for the past two months below the 1959 rate. Despite the shared of the 1959 rate. Despite the shared production on 1961 models earlier than production on 1961 models earlier than production on 1961 models earlier than 1961 models called the 1961 models. Last week the industry's output was 36% higher than the week before and nearly triple the production of the same period hast year. Elsewhere the 1961 models are the 1961 models and 1961 models are the 1961 mode

Studebaker's New Boss

To improve its profits, Studebaker-Packard Corp, has long talked of diversifying out of car making, But in the sifying out of car making. But in the Churchill, it has taken on only three smallish companies. The pace was so slow that much of the company's huge accumulated tax losses of \$211 million, which offset profits, seemed likely to expire before they could be used up. Last week, as it brought out its 1951 models, the corporation also picked a new top man In as chairman and chief executive officer In as chairman and chief executive officer A clutch that transmits power smoothly under the heaviest loads...



... shares engineering roots with a new concept in power conversion for missile control!

Grasping logs as if matchsticks, the "iron fist" of this heavy-duty crawler gets full engine power through a 17" over-center clutch made by B-W's Rockford Clutch Division. Just one in a line of precision-crafted Rockford clutches for vehicles from motor scooters to earth movers, this ruggedly built and accurately balanced clutch has exclusive anti-friction roller cams that exert pressure symmetrically—make shifting easy! While many missile-launching components use direct current, efficient guidance and control require AC power. To improve upon mechanical power conversion, engineers of B-W's Pecco Products Division and the Roy C. Ingersoll Research Center teamed up to create and produce a static inverter—specified for the Minuteman (above), Mace and Centaur—that converts DC to closely controlled AC through electronic circuitry!

back of both... BORG-WARNER



The 7 Hats of Borg-Warner ... (top) national defense; oil, steel and chemicals; (middle) agriculture; industrial machinery; aviation; (bottom) automotive industry; home equipment.

A swing across the U.S.A. shows that Borg-Warner contributes vitally to basic activities from coast to coast. In industrial New England, shoe factories and woolen mills and metal-working plants use machinery with such essential Brocomponents as gears made by the Warner Automotive Division. In the Midwest, overy farmer working the good earth ownsequipment that contains B-W parts—perhaps a tractor with a

parts—perhaps a tractor with a Borg & Beck clutch. Detour via Detroit and other "motor cities," and you learn that all manufacturers put B-W parts into their cars. Travel the Southwest, and you're in country where every oil producer depends upon well drilling equipment ordered from the Byron Jackson Division. The West Coast. Into aircraft and missiles assembled there go components manufactured by Weston Hydraulics, a B-W subsidiary. And on every Main Street and

back road of America, families are enjoying the direct benefits of Borg-Warner craftsmanship through consumer products that bear the famous names of Norge and York.

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went 71-year-old Clarence Francis, onetime president (1934-43) and chairman (1943-54) of giant General Foods Corp., a since 1954 a special consultant to President Eisenhower.

Lann. besidnessed Clarence Francis is an expert a diversifying: he vastly expanded General Foods product line was no of the first movers of the revolution in the U.S. kitchen. He is also at home in Government circles and in the world of Wall Street finance, where Studebaker's mergers may have to be worked out. Choosing a man whose experience is so remote from auto manufacturing marks a victory for S-P executives who have defended in the control of the

To combat sagging auto sales, Studebaker-Packard has given a new look to its 1961 line. The 1961 Lark will have a lower hood line, and the horsepower of its standard six-cylinder engine will be hiked from 90 to 112 Clack of power in the sixes was a major owner complaint). The company has also added the Lark Crulser to the line. Designed to compete the 1962 line of the 1962 li

TEXTILES

The Japanese Mill

The old Massapoag mill on the outskirts of the little North Carolina courthouse town of Lincolnton (pop. 5.423) looks like many another small Southern textile mill from its brick exterior, But aside from tobacco-juice stains splashed liberally about on its floor inside, the plant of the Long Shoals Cotton Mills, Inc. (projected 1960 sales: \$2,500,000) is different from any other in the nation. Its solid rows of pastel blue machines bear the stamp "O-M Spinning Machine, Osaka, Japan." Massapoag is the first mill in the U.S. to be completely fitted with Japanese-made spinning equipment. Standing beside his Japanese machines. Textile Veteran David Hunter ("Buck") Mauney, mill superintendent and principal owner with his brother Bill, says: "It's beautiful stuff. We're getting better quality varn, and we're saving labor,

In the heart of the Carolinas' textile area, where Japanese imports are scorned and clerks have been known to apologize to customers for low-priced but well-made Japanese blouses, Buck Mauney's move was bold. He made it in August last year after his U.S.-equipped yarn mill had burned down, Mauney had seen the Japanese spinning equipment at a textile show and tested a Japanese spinning frame for three months, then bought 9,000 spindles for \$500,000. The best price for nearly comparable U.S. equipment was \$540.-000. Furthermore, the Japanese equipment eliminates a full step in the spinning process and includes extra devices worth \$250,000 more. By cutting out one step in the spinning process, Mauney needed

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William Clay Ford Vice-President Ford Motor Company

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These are the words of sales genius Herman Perl, Chairman of the Board of Charlex Realty Corp., Newark, N. J., selling agents for General Development Corp., developers of huge Port Charlotte, Florida, homes and sites.

"A convincing film is a formula for sales-success," says Mr. Perl. "From experience, we know films sell. Any of our salesmen can show our Port Charlotte film to anyone, anywhere, at any time, and produce leads. And because it's filmed, the presentation is never diluted, always perfectly duplicated, always successfully the same, whether shown in Bangor or Kokomo.

"This film program gives us another bonus: an enthusiastic sales force, Salesmen know that to show it means to sell it. So they eagerly pack equipment and show it. We are careful that the equipment we give them guarantees a smoothrunning performance."

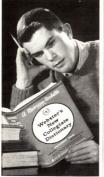
Mr. Perl's firm owns 60 Kodak Pageant Sound Projectors. They have made approximately 6000 showings in the first half of 1960 without a single projector mishap.

"Our salesmen aren't mechanics," Mr. Perl continues. "Their projectors must be easy to set up and operate, without a hitch. They must have a projector that doesn't get in the way of their presentation. And these Kodak Pageants fit the bill extremely well."

If you would like full details about Kodak Pageant 16mm Sound Projectors, tear out the coupon and mail it today.

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Long Shoals's Mauney
Better spinners.
six less employees. But greater efficiency

permits the Mauneys to raise the minimum wage for their 85 employees from \$1.15 to \$1.25 per hour.

Long Shoals, which makes yarn for wavers; has suffered no loss of customers because of its move. Explains Buck: "Most people forget we sell a lot of stuff to Japan. A man told me I was wrong to do it. I asked him why. He said. We fought a war with those people. I said to the said was with those people. I said to be the said was to be the said with the said was the said wa

WALL STREET

How to Lose a Buck

Nothing sends a stock up faster than the news that a company has a glamorous new electronic device—especially if the news is exaggerated. Example: two little-known, money-losing companies. TelAuto-graph and Comptometer Corp., last week set off a speculative binge that resulted in some of the widest trading the New York Stock Exchange has seen since 19:99, In eight trading days TelAutograph zipped from 9f to a high of 24½, and Comptometer soared from 15½ to 30.

The money-making, money-losing frenywas started by a statement from Tel-Autograph's President Raymond E. Let that his company had been told by American Telephone & Telegraph Co.; "For the first time message-rate telewrier service from a local and long-range basis," "This means," stated Lee, "it is now possible to send a handwritten message instantaneously by telephone." Ray Lee also expansively predicted that the use of telescribing equipment would increase a hundredfold. In one day Tel-Autograph soared 5\$\frac{3}{2}\$ points. Lee had carefully or carelessly—created the impression that Tel-Autograph had an exclusive deal with A.T.&T.

At the opening of the market on the next trading day, the flood of orders to buy was so great and sellers so few that longtime Specialist John Coleman of Ader. Coleman & Co. [Trant. July 11], the conderly in Telatuograph, did not open the stock all day. Coleman and Stock Exchange officials thought the demand was based on questionable information, wanted more time to get all the facts. Next day Coleman and Stock and the facts are so that the coleman family opened the stock one minute previous close.

The stock of Comptometer, which had also been rising, soard after Vice President Peter G. Mero announced that the company is the only one that produces a telewriting device that has been tested and found suitable for use over the tele-phone. The specialists could not open trading in it the next day because of a preponderance of buy orders. When it opened the day after, it jumped 6 points to 30.

The Securities and Exchange Commission began investigating; the Stock Exchange demanded a complete explanation from both companies. Telulorgraph Pressuration of the Stock, gave an explanation that was a lot different from his earlier statement. He said his statement was not meant to convey the idea that Telulorgraph was the vote the desiry of the Telulorgraph was the desired that the company had nearly set a date to talk with A.T.& T. about testing telewriting equipment. Furthermore, for this year Telulorgraph will be theremore, for this year Telulorgraph will be the property of the testing telewriting equipment.

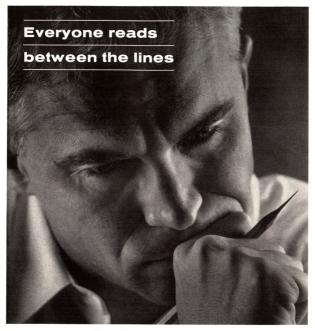
This brought a rush to sell, Comptom-



TELAUTOGRAPH'S LEE

Bigger yarn.

TIME, SEPTEMBER 12, 1960



An architect has a professional eye for detail. When he reads a company's printed material, he sees more than just the bare words and pictures. In effect, he reads between the lines — unconsciously appraises the good taste of the company that sent him the booklet. He is influenced by evidences of the sincerity of the message, the character of the design, the quality of the print and the paper. Companies that show respect for readers through this kind of attention to detail will win respect in return. Respectful printing begins with a good printer. See him early. There's more than a good chance that he'll specify a Warren paper, because he'll get better results — and so will you. S. D. Warren Company, 80 Broad St., Boston, Mass.



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eter was also prodded by the SEC to give a fuller explanation. It said its revenues from its Electrowriter now are not enough to cover the cost of servicing and sales and are "unlikely to make any contribution to the corporation's profits in the near future." It closed off 7 for the day, and TelAutograph fell §4.

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GOVERNMENT

Water, Water

The nation's most ambitious project for converting salt water into fresh water was dedicated last week at Freeport, Texas. From the Gulf of Mexico more than 1,000,000 gallons of sea water will be pumped duly to a \$1,2,600 plant being built by the Chicago Bridge & Hon Co. by a distillation proposing periodic water by a distillation proposing periodic value 1,000 gallons, the lowest cost anywhere in the world.

The Freeport plant is part of a \$10 million U.S. Government project to prepare for the world's fast-growing demands for more fresh water. Today the U.S. uses \$12 billion gallons a day, will need 600 billion gallons a day in 1980. In other parts of the world the thirst for sweet water is immeasurably greater.

Where will the world find the water? The answer lies in finding conomical ways for converting salt and brackish water into fresh water. To ind the best methods the U.S. is building five demonstrated that the salt water is the salt water. To making fresh water. The first plant at Freeport will be followed by a plant designed by the Fluor Corp. at Point Loma in San Diego, It will produce 1.000.000 gallons a day, using produce 1.000.000 gallons a day, using the salt water water for distribution. It is goal: where a salt out of 447 per 1.000 gallons are as a cos

Most U.S. cities now pay about 25¢ to 35¢ per 1,000 gallons for their water, and the Government's aim is to find a method that will convert brackish or salt water at the same price. Other plants in the program are scheduled to be built at Webster, S. Dak., Roswell, N. Mex. and on the

In each of the five plants the Government hopes to develop the most efficient method to meet the needs of a particular area. Since the Government's project started eight years ago, the cost of converting sea water has dropped steeply from around \$5,00 per 1,000 gailtons to about \$\$37,55 asys Dr. A. L. Miller, director of the office of saline water: "For the future, conversion of salt early a first of the control of the other control of the month of the mon



Now this secretary knows everything

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BOOKS

Fat & Lean

HE AND SHE [243 pp.]—Edward Le Comte—McDowell-Obolensky [\$3.95].

Marriage being the subtle and precarious entente that it is, and politics being outranked only by religious and arcial differences as a catalyst of conflict, it would seem that a novel about the marriage of a bone-bred conservitive and a ratifing good battle-report the provide a tattling good battle-report and the provide at looks as if this is what First Novelist Le Comte has produced, "He" is John Butterworth a rather stuffy young Vale man who considers himself to be the best Latin teacher in the country. "She is his Latin teacher in the country." Now II we II Their differences are almost too neath!

Inter differences are almost too neasily almost he reads Edmund Burke, she will be almost a read and a read and a read a read a read and a read a rea

As the book commences, he and she are fanning a white flame of rage. They alternately argue bitterly and refuse to recognize each other's existence. The issue is the execution of a union leader named the reaching the execution of a union leader named the man tried to cross a picket line. The least make any Judement questionable, least make any Judement questionable, and the properties of the commence of the com



EDWARD LE COMTE Good notes, not a novel,

and angry wife sit before the television set waiting for Krasnitz to walk his last mile, the author examines his characters in two long microscopic flashbacks that take up the remainder of the novel.

These life histories are soundly written and the people they describe are interesting enough. But the book's structure is dissatisfying: the flashbacks bring John and Herta back to the present time and then simply drop them there on the last page-still sitting in grim, unhappy silence. The author promises a Shavian clash of right and left. Adam and Rib. and several times seems on the point of producing one. But he settles too easily for tepid psychologizing, of which there is a surfeit these days, rather than social satire, which is in short supply. What could have been a clever novel is, as it turns out, merely clever notes for one,

Love in Commuterland

A PEAK IN DARIEN (252 pp.)—Roswell G. Ham Jr.—Putnam (\$3.50).

Forty is the age of suints and suicides, according to Critic Cyril Comolly. Nei-ther the idea nor the particular fates would ever have occurred to Maynard Wallace ("Wink") Marshall, an urbane MSB nightly nessessater whose voice-charmed life demonstrates 'how well a doesn't use his brain." Ho die for his statement of the suit of

and up with sex and suburbis.

M. 4.3. Whis is a recent winter Myrgian

Jackson, a witchingly lovely item wispin

Jackson, a witchingly lovely item wispin

pars on a neighboring Darien. Conn.

porch each morning in a shimmering blue

bar-car contemporary of Wink's, She is

bar-car contemporary of Wink's, She is

the following the she will be a suburbid to the she

commuterland. In establishing squatter's

rights on the Peter De Vires-John Cheever

territory. Author Roswell G. Ham Jr.

(Finh Phying Though Air is a trifle un
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sure of himself, but he has some of the

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Free Fall. Before he has properly begun to hope. Wink begins to grope-with Virginia's wrist watch-at the local beach club. The assembled giddy-biddies pick the pair's backbones in whispers. But love, naturally, has wax in its ears. Novelist Ham knows the language lovers speak, a pottage of mush and banalities, and he is not above using it. He justifies the "I love yous" by capturing the feeling of the roller-coaster slide into passion, that a woman cannot help themselves and do not want to. Indeed. Wink and Gin are so romantically in love that they do not sleep together, a refreshingly archaic innovation for the modern novel.

Unfortunately, this gives Wink time for some rueful reflections. After all, he re-



Roswell G. Ham Jr. A peek, not a peak.

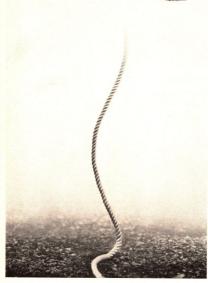
members the New England hurricane of 1938. Before Gim was tow. He remembers Benny Goodman, and he cannot forget Freud and girk who marry lather surrosent humber here is Gin's mother, As a sert with a not-so-socret yen for Wink, she resents a marriage that will blight the promise of adultery. What with mother and some complicated skuldugery back that the rice will never ly hy lath foss.

Status Eking, Author Ham laces the willful charm of his love story with a carbonated commentary on suburbanitis. with its worship of errant gadgets (" 'Patent applied for but never to be granted. I trust"), anxious affluence ("We had enough trouble living 10% over our income"), status eking ("If the price was down around \$17.000-in Darien that meant one room and an outhouse on a twenty-by-twenty lot under the New Haven Railroad tracks") and nostalgic concupiscence ("There hasn't been an organized wife-swapping party in Darien or New Canaan for five years. All we do is grow gardens, take the kids sailing, and drink"). Author Ham has pluck, as his Keats-cribbed title shows, but perhaps he should have changed it to "A Peek,

Love at Parade Rest

ARE YOU HUNGRY ARE YOU COLD [245 pp.]—Ludwig Bemelmans—World [\$3.95].

The heroine of Humorist Ludwig Bemelmans' new novel is as pretty as a picture, and she poses an interesting proposition. "Evildoing when done adroitly is very exciting." she purs. What follows should be naughty and very funny. It is nightmarish instead—like too much Eiderkranz, In one of his rare excursions outside the Hotel Splendide, Funnyama Bemelmans



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draws a demon-driven adolescent who swears like a legionnaire, squeezes the head of an infant like a tennis ball, flips hatchets instead of hips at suitors, does her best to entice a priest, and sets fire to a convent

The young lady is sore, it seems, because he is a French amy bort and parental love is at parade rest. Papa is a cavalry colonel, more interested in charges than children, while Mama is a Spanish noblewoman too haughty for tender talk. What daughter knows about affection comes from spying on peasant maids and their trooper lovers on a slumbering military post before World War II. And what also have a support of the peasant maids and their trooper lovers on a slumbering military post before World War II. And what also have a support of the peasant with the support of the peasant whose of which yelks come from impaling jack-lighted wildlife on the iron spikes attached to the grille of his Jepo.

In the inevitable rebellion and battle



LUDWIG BEMELMANS
The girl throws hatchets instead of hips.

the rounds. She lets two baby wild boars run wild through a military ball and gets the requisite licking. This imposition of authority she neatly overcomes by imagining her tormentor sitting on the toilet, More whippings, and she snaps her father's riding crop in two, tries to brain him with a flower pot. The battle continues in Germany after the war. Her father is now a general in command of a force of French occupation troops, so she naturally sews his medals to the seat of his pants. Living in a near-demented world of make-believe, she grows to adulthood near crazy with rage at her wasted, loveless youth.

Here and there a few bright flashes of Bemelmans' wit save Are You Hungry Are You Cold from being just another of the many cloudy apologias for the rebel cult of Depression-born, war-torn youths who cannot come to terms with a world they think their parents botched. But so





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PICTURES AT AN EXHIBITION.
Lizat. THE HUNS—Symphonic Poem.
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POPULAR SUGGESTIONS

SONGS TO REMEMBER Montovaria and His Orchestra. With These Hands; Far-oway Places; A Very Precious Love; Jamaico Farewell, Teaderly; Blue Star; Gigl; When I Fall In Love. No Other Love: Vaya Can Diag others.

MORE ROS ON BROADWAY MOKE KUS ON BIKADAWAY (Lotin American Tempos for Dancing) Edmundo Ros and His Orchestra. The Surrey With The Fringe On Top. I've Grown Accessaned To Her Face, Cest Magalithe This Nearly Was Mine; I've Gost The Sun In the Morn ling; Just In Time; others:

ieg: Just In Trine; others.

AROUND THE WORLD WITH THE
GRENADIES CUARDS
Bond of the Grenodier Guards. Colone! Bagey, Can
Can, Swedish Rhapsody, Nibelangen: Carrier, Ifreiudel; Russlan Pictures; Worlting Marilda, Seventy Sis
Trombanes; When The Saints Go Marching In; others.

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THE BIG BAND DIXIE SOUND
Ted Hooth and His Music, That's A-Plenty, I Wish I
Could Shimey Like My Sister Kate; The Darktowe Strutter's Ball, Musikas Ramble, Riverboot Shellle; Chicago,
Will Barker Scoon, after.

CUBAN MOONLIGHT Stoolay Black with His Latin Rhythms, Vereda Trapical, El Truco de Pernambura, Stars In Your Eyes, Nastalgia, Frenesis, Rumba Matumba, Hold Me Close Tanight, Schaper, Adapt.

THE AMERICAN SCENE Mantowns and Mis Orchestro. The Music of Stephen Mantowns and Mis Orchestro. The Music of Stephen Foster: My Old Kentucky Home. Comptown Races, I Dream Of Jeonie, Did Folis At Home. Ring De Banjo. Beautiful Dream. The Music of 19th Cantury America. Home On The Range. Grandfother's Clock, Tutkey In Pa Straw, Foliow Rote Of Teans, others. 95 182

HOLLYWOOD CHA CHA CHA
Edmundo Ros 8 His Orchestra. The Moulin Rouge Theme,
Il's Magic, Tammy, Theme from Picale, Third Man
Theme, Around The World, Love Is A Many Spleedgred
Thing; As Time Goes By, High Noon, Foscination, others,

determined and savage is the heroine that the reader cannot really root for her. He is left only with a slightly subversive feeling of compassion for the baffled and sputtering villain of the piece, Papa the martinet.

Bankbooks & Backgrounds

THE HOUSE OF FIVE TALENTS (369 pp.) -Louis Auchincloss-Houghton Mifflin (\$4.50).

Josiah Hoyt was a pompous, puffed-up railroad executive who managed to lose all his own money, much of his wife's considerable fortune, and sulked for two years before he finally died at the dinner table. He sat there cooling for quite a while before his wife noticed the difference.

The rest of the characters wheeled out in Author Auchincloss' filigreed tale of a family fortune are only slightly more alive

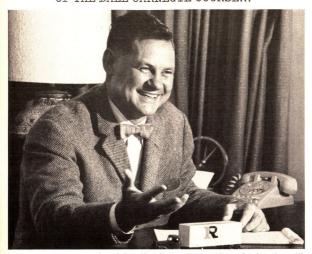


Louis Auchincloss Elaborately ornamented, but dull,

than Josiah. A lawyer by profession, Auchincloss probes with exasperating precision through the backgrounds and bankbooks of the five-generation descendants of one Julius Millinder, a tough-minded merchant who just happened to put together a \$100 million fortune after the Civil War. Nothing the author finds suggests that the Millinder clan is worth the trouble, After Julius, the stock began to go to seed. One granddaughter marries a French prince-but not for love. A grandson is cuckolded, a nephew turns embezzler, a granddaughter settles down with an English earl whose major talent is a firm grasp for ladies' behinds.

Seen through the eves of Gussie Millinder, a humorless but perceptive old maid, the family's degeneration is pathetic. Mean little descriptions of poor Newport hostesses whose husbands had to make do with fortunes of only \$1,000,000 give the neat. well-mannered prose an occasional touch of irony. But young debutantes who sugar

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Q. Can you be more specific about these abilities?

A. One, I found, is making what you have to say clear and interesting, whether you're talking to a total stranger, a group, or someone you meet all the time. Also, every day I see how much more gets done when people get along together. I know from experience that you don't have to step out of character to develop and practice this ability. Q. Do you think these qualities have real value to men who want to get ahead?

A. I know they do. The self-confidence they build lets you TIME, SEPTEMBER 12, 1960

make the most of your job skill, your experience and ideas. I'm convinced our business has grown and will grow because we can get our enthusiasm, our belief in our services across to others in the right way.

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Write for free copy of "New Color Horizons." Your nearby Rust-Oleum Industrial Distributor maintains complete stocks of Rust-Oleum.



RUST-OLEUM STOPS RUSTI their very small talk with references to Louis XI (not XIII or XIV), and butlers who tell dinner guests when their hostess wants them to switch conversational partners, all lend a persistent air of unreality, almost as if the author were intent on parody.

Having kneaded the same sort of upper crust in four books before this one. Author Auchincloss seems unaware that his polea are increasingly dull anachronisms. His careful, courtly prose almost manages to confer dignity, but in the end his novel is like the great Newport mansions it recalls —elaborately ornamented in its façade, too dry and dusty inside for a modern generation to bother about.

The Shepherd

CYRUS THE GREAT (309 pp.)—Harold Lamb—Doubleday—(\$4.50).

The wily moneylender was puzzled by his casual conversation with the two strange horsemen who had ridden into Babylon that day in 539 B.C. One of the men was dressed as a servant, the other as master: yet the servant spoke like a lord, and the questions he asked were odd for an ordinary visitor. He seemed intrigued by the River Euphrates, and when he rode on, he said to the moneylender: "I am much indebted to you today, for you have shown me the way that I can open into your city." A few months later, the waters of the Euphrates began to lower as if by a miracle. When they were only knee-high, the army of the erstwhile "servant" appeared, marching down the river bed to take Babylon without a fight. Instead of attacking the thick city walls, the invaders had cleverly diverted the river into an abandoned reservoir.

Thus, according to Author Harold Lamb in his nith excursion into what he calls "biographical narrative." did Cyras the Great of Persia find a way to conquer Babylon while disguised as a servant. No one can be sure how much of the story is true, for as Lamb himself says, "all the verified historical data about Cyrus could be published in no more than six pages." Lack of evidence has never bothered Lamb before: by combining the sparse and a through with a high serse of drama and a thorough that high serse of drama and a thorough the has become master of the plausible what-might-have-been.

The Small King. The great King would have been a fascinating subject for any historian. Xenophon himself, though he had no direct knowledge of the man, fashioned an Education of Cyrus (Cyropaedia), which many students of the art rank as the world's first historical novel. Cyrus' name meant "shepherd," and his father was Cambyses, "the small King of the Persians," who ruled the Three Tribes living around the settlement called Parsagard, about 250 miles west of the Persian Gulf. Under Cambyses, the Persians were a peaceable lot. They kept few slaves, dutifully paid tribute to Astyages the Spear Thrower, King of the Medes, and lived by five things: "The seed grain, the tools that plant it, the water that gives

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By a Subscriber

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economy cars

growth, the tame animals that cultivate it, and the human labor that garners its harvest."

Not so under Cyrus. As soon as he susceeded to his father's throne. the fledgling King whose "close-cropped hair was tawny as a lion's "threw of the syoke of the lawary-loving Meeles, but tolerantly let alcoholic haze. When falbulosis 'rich Croesus of Lydia rashly decided to march against the upstart, he did so on the ambiguous advice of an oracle: "If you cross the river Halys, you will destroy a great empire. The empire Croesus destroyed oute content to serve his new master.

The People's King. Of all Cyrus' conquests, none was more deserving of its



CYRUS THE GREAT
To Babylon, as a servant.

fate than Babylon, where the sick and the crippiled were at the mercy of a ruthless Sanitation Guard, and men were skinned after for stealing a sheep. When Cyrus ready known as the Shepherd and "the people's Kim." He rutled the greatest empire the world had ever seen through astrags and informers: ("the King's eyes and ears", but his laws were just, and of two deliments could be a supported to the control of two deliments of two deliments of two deliments young guards with their own spears—was he guilty of an impulsive act of cruelly.

To Lamb, Cyrias was something new in the ancient world—a ruler who ruled for his people. The secret of his success can be found in one of the few documents that now exist—a personal record he kept on a clay cylinder. "My soldieras" said Cyrus, "went about peacefully, widespread through the exercise of Balysion. In all through the terms of Balysion, in all through the care of Balysion, in all through the care of Balysion and the times of Balysion and of all the other cities. I freed the dwellers from the yoke that was ill placed upon them."



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TIME LISTINGS

CINEMA

Under Ten Flags. The German Navy's Van Heffin v. British Admiral Charles Laughton in a better than fair sea-fight thriller, based on one of the more curious naval footnotes to World War II.

The End of Innocence. Director Leopoldo Torre Nilsson, a Swedish-descended Argentine, shows his debt to Sweden's Ingmar Bergman in a shadowed study of purity, sin-and degeneracy.

Ocean's 11. Frank Sinatra's off-screen clansters (Dean Martin, Peter Lawford, Sammy Davis Jr.) as their usual toughtalking, gamboling selves ham up a Las Vegas robbery with enough foolishness to make it look like fun.

Jungle Cat. Another of Walt Disney's magnificently photographed, though sometimes badly edited and narrated, True-Life Adventures, this time about jaguars in the Amazon jungles

It Started in Naples, A Neapolitan holiday that is pleasurable enough, with Clark Gable, Sophia Loren and Vittorio De Sica, becomes occasionally hilarious, thanks to a scene-thieving nine-year-old called

Marietto Sons and Lovers, D. H. Lawrence's searing novel is brilliantly translated to film by Director Jack Cardiff and a fine cast headed by Wendy Hiller and Trevor Howard-whose performances are, respective-

Elmer Gantry. Burt Lancaster turns in one of the best performances of his career as Sinclair Lewis' Bible-banging, skirtchasing evangelist.

Bells Are Ringing, Judy Holliday singing some Comden-Green lyrics is all that comedy about an answering-service Nightingale offers, but Judy is enough.

TELEVISION

Wed., Sept. 7 The 1960 Summer Olympics from Rome (CBS, 7:30-8:30 and 11:15-11:45 p.m.).*

Thurs., Sept. 8

Olympic Games (CBS, 8-8:30 and 11:15-11:45 p.m.).

Silents Please (ABC, 10:30-11 p.m.). The Keystone Cops come a-slapsticking out of The Fun Factory of Mack Sennett. as this episode traces the development of the producer genius who, on the side,

Fri., Sept. 9 Olympic Games (CBS, 9-9:30 and

11:15-11:45 p.m.). Sat., Sept. 10

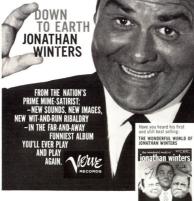
Olympic Games (CBS, 1-2:15, 7-7:30 and 9-9:30 p.m.). National Singles Tennis Championships (NBC, from end of the baseball game to 6:30 p.m.). From the West Side Tennis

Club, Forest Hills, N.Y. Color.

The Tall Man (NBC, 8;30-9 p.m.). First episode in a new series about New Mexico Sheriff Pat Garrett (Barry Sullivan) and his difficulties in getting along with Billy the Kid (Clu Gulager)
World Wide 60 (NBC, 9:

p.m.). The Immense Design traces the oAll times E.D.T. except as noted.

9:30-10:30



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history of scientific theories on the crea-

tion of the universe. Color. Repeat.

The 40th Annual Miss America Pageant (CBS, 10-12 midnight). M.C. Bert Parks ogles the talent, CBS News Correspondent Douglas Edwards adds the tone of destiny. Sun., Sept. 11 American Football League (ABC, 1:30

p.m. Pacific Daylight Time). The Houston Oilers v. the Oakland Raiders, at Oakland, Calif. (the game will be seen only in the western half of the U.S.). American Football League (ABC, 2 p.m.). The Buffalo Bills v. the New York

Titans, at New York City (to be seen only in the eastern half of the U.S.)

Olympic Games (CBS, 5-6:30 p.m.). Mon., Sept. 12

Project 20 (NBC, 10-11 p.m.), Bob Hope narrates a synopsis of the five years from World War II to 1950. Repeat.

Presidential Countdown (CBS, 10:30-11 p.m.). The first of nine weekly primetime programs on the political campaign. Tues., Sept. 13 Thriller (NBC, 9-10 p.m.). First of a

new mystery and suspense series narrated by onetime Monster Boris Karloff.

THEATER

On Broadway

When the 1960-61 season opens next week, the new shows will have to go some to match these favorites, which have come through the summer without getting half baked: Toys in the Attic, the latest play by Lillian Hellman, deftly explores the character of a weak ne'er-do-well (Jason Robards Jr.); Paddy Chayefsky's The Tenth Man, set in a Mineola, L.I. synagogue, brilliantly and with high humor admixes ancient rite with modern psy-chology; The Miracle Worker owes its excellence to the superb performances of Anne Bancroft and Patty Duke, as they re-create the early childhood of blind deaf-mute Helen Keller: The Best Man sketches characters who are a mile wide and an inch deep, but nonetheless offers swift, glib and enjoyable theatrical journalism about campaigning politicians in action. Three musicals stand out: the good-as-ever revival of West Side Story, with many of the original cast; the light, reminiscent story of New York's greatest mayor, Fiorello!; and a winsome Broadway analysis of Elvis Presley called Bye Bye Birdie.

Off Broadway Air-conditioning has helped the better offerings in the little theaters to survive as well. Among them: The Balcony, French Playwright Jean Genet's dramatic thesis that the world is a brothel and vice versa; The Connection, an awesomely naturalistic study of junkies in their pad; Krapp's Last Tape, a single-actor tour de force about youth and age, on a double bill with The Zoo Story, wherein Playwright Edward Albee creates a critical mass by clanging together a beat with a square: A Country Scandal, an early play of Anton Chekhov, produced professionally in the U.S. for the first time, providing ample and comic proof that minor Chekhov is equal to the major efforts of most others; and Little Mary Sunshine, off-Broadway's phenomenal, sellout musical that spoofs the candy-coated operettas of the '20s.



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BOOKS

Best Reading

The Human Season, by Edward Lewis Wallam. The giref of a 59-year-old plumber over the sudden death of his wife is the unlikely subject of this remarkably skillful first novel. With telling economy, Author Wallant suggests the climate of a marriage, the texture of sorrow without sentimentality and the twisting agony of an agnostic Job who cannot tame his rage with resignation.

The Sot-Weed Factor, by John Barth. This comedy of picaresque errors and escapades, set in colonial Maryland, is as deadly serious as it is wildly funny. Its sobering thesis: since man cannot penetrate the multiple masks of reality, he can never really know himself.

Taken at the Flood, by John Gunther. The father of soap operas, schoolgirl complexions and singing commercials is given his zestful due in this lively, anecdoteladen biography of the late Albert Lasker, the most formidable ad anthropos in Madison Avenue history.

Decision at Trafalgar, by Dudley Pope. Memorably above the call of routine historical duty, this is a definitive chronicle of the greatest battle of the age of sail and its ageless hero, Lord Nelson.

The Last Temptation of Christ, by Nikos Kazantzakis. The late great Greek writer saw God as the search for God. Temptation is his soaring, shocking final vision of that search.

The Stormy Life of Lasik Roitschwantz.

by Ilya Ehrenburg. In 1927 the slithiest cove in the Soviet literary propagates acrops aimed this sizzling satirical poker et the Russian Revolution. Ehrenburgrecently denounced its publication in the West, something the non-hero of this kosher Candide would have relished. The Ballad of Peckham Rye, by Muriel

Spark. Peckham Rye is a London suburb where the people are too average to sin grandly and too average not to sin. The result is often hilarious.

Best Sellers

- Advise and Consent, Drury (1)*
 Hawaii, Michener (3)
- 3. The Leopard, Di Lampedusa (2) 4. The Chapman Report, Wallace (4)
- 5. The Lovely Ambition, Chase (5)
 5. Before You Go, Weidman (9)
 7. The View from the Fortieth Floor,
- White (7)

 8. Water of Life, Robinson (6)

 9. Diamond Head, Gilman (10)
- 10. To Kill a Mockingbird, Lee NONFICTION 1. Born Free, Adamson (1)
- How I Made \$2,000,000 in the Stock Market, Darvas (2)
 The Conscience of a Conservative,
- Goldwater (3)
 4. Enjoy! Enjoy! Golden (8)
 5. May This House Be Safe from Tigers,
- King (6) 6. Felix Frankfurter Reminisces,
- Felix Frankfurter Reminisces, Frankfurter with Phillips (4)
 Folk Medicine, Jarvis (5)
- 8. I Kid You Not, Paar (9) 9. The Good Years, Lord (7)

Akron, Ohio

10. The Liberal Hour, Galbraith

* Position on last week's list.

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